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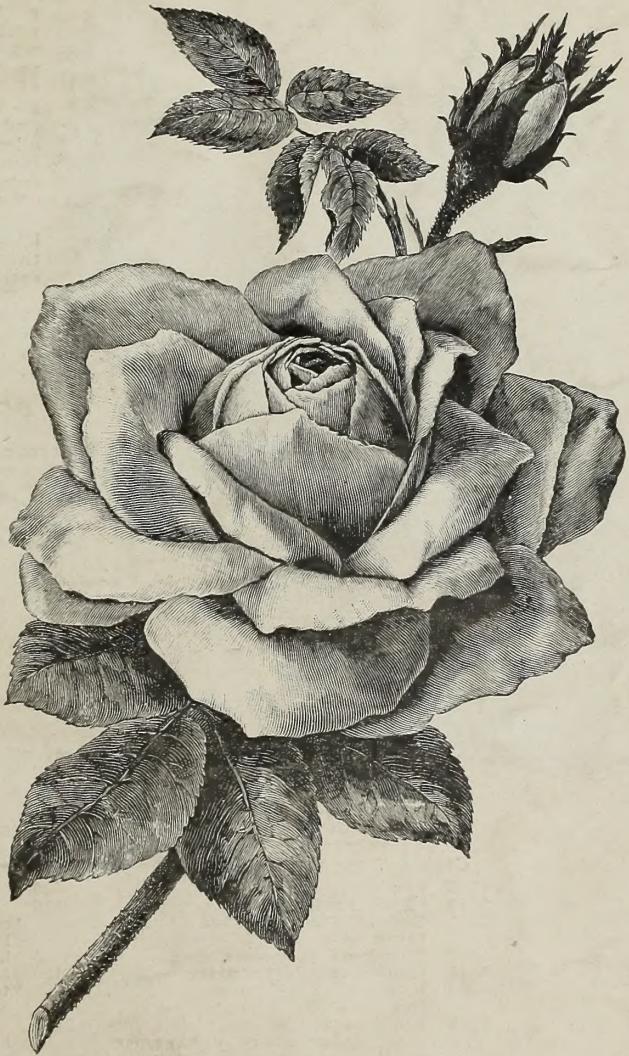
Established, 1852

Incorporated, 1888

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THE HENRY PHILIPPS SEED AND IMPLEMENT CO.



Garden, Field and Flower Seeds

115-117 ST. CLAIR STREET

TOLEDO, OHIO

SWEET PEAS OUR SPECIALTY



Of all our favorites among the many hundreds of annual and perennial plants with beautiful flowers, Sweet Peas take the lead, and it is safe to say, that there is no garden without them.

Their beauty and usefulness is so manifold as to make them absolutely indispensable, and if sown deep and early they will more than repay with more, larger and richer colored flowers.

The seed should be sown as soon as ground can be worked in trenches 10 to 12 inches deep, which should be filled up gradually as the vines grow; this method will give a long vine in the soil, which will make innumerable roots and gather nourishment through dry spells from the moist depth where the roots of shallow sown seed do not reach. Our selection of Sweet Peas will be found up-to-date, varieties of weak growth and small flowers are entirely eliminated, and only such are offered as are distinct in their colorings and of largest size. Our **"Gold Medal Collection of 18 Best Varieties"** contains absolutely the best, and is recommended to those who wish to plant the cream.

For **New Kinds of Sweet Peas** look under **Novelties**, and for **Mixtures** refer to **General Collection of Flower Seed**, page 64.

GENERAL COLLECTION.

Those marked with a * are in our **"Gold Medal Collection,"** and are described under **Novelties and Specialties** on page 46.

2280 ***America.**

2285 **Aurora**, orange rose striped on white, large size, hooded, the most attractive of the striped varieties.

2290 ***Black Knight.**

2295 **Blanche Burpee**, pure white, medium size, slightly hooded, very graceful.

2300 **Blanche Ferry**, standard bright carmine rose, wings white tinged with pink, medium size, open form.

2301 ***Blanche Ferry, Extra Early**, two weeks earlier than 2300.

2305 ***Coccinea.**

2310 **Countess of Cadogan**, standard opens purple, changing to lilac, wings bright blue and lighter on the edges.

2315 ***Countess of Radnor**, standard mauve, wings lavender, hooded, medium size.

2320 **Countess Spencer**, standards large and wavy, whole flower of a lovely pink, shading darker at the edges, belonging to the new Orchid Flowered class, immense flower. Oz. 20c; pkt. 10c.

2325 ***Dainty.**

2330 ***Dorothy Eckford.**

2335 **Dorothy Tenant**, rosy purple, large size, hooded form.

2340 ***Duchess of Sutherland.**

2345 ***Duke of Westminster.**

2350 **Earliest of All**, same as 2300, but 4 weeks earlier.

2355 **Earliest Sunbeams**, rich primrose, extra early, open form, medium size.

2360 **Emily Henderson**, pure white, large size, open form, one of the best whites.

2365 ***George Gordon.**

2370 **Gladys Unwin**, immense and bold flower, beautiful pale rosy pink, extra long stem, Orchid Flowered type. Pkt. 15c

2375 **Gracie Greenwood**, bright pink on primrose, showing veins of brighter rose, pink on edges, medium size, hooded form.

2390 **Hon. F. Bouverie**, deep pink at the base, shading to light pink at the edges.

2395 ***Hon. Mrs. E. Kenyon.**

2400 ***Jeannie Gordon.**

2405 ***King Edward VII.**

2410 ***Lady Griset Hamilton.**

2415 **Lady M. Ormsby Gore**, standard buff and primrose, wings light primrose, large size, hooded form.

2420 **Lord Roseberry**, light magenta, veined deeper, large size, hooded form.

2425 **Lottie Eckford**, white, heavily shaded with lilac, edged deep blue, large hooded.

2430 **Lovely**, deep pink throughout, shading to very light pink at the edges; very large, hooded form, very attractive.

2435 ***Miss Willmott.**

2440 **Mont Blanc**, pure white, open form, medium size, very early.

2445 ***Mrs. Walter Wright.**

2450 ***Navy Blue.**

2455 ***Prima Donna.**

2460 ***Prince of Wales.**

2465 **Salopian**, crimson scarlet, large, open form, one of the best scarlets.

2470 **Scarlet Gem**, dazzling scarlet, large size, the finest scarlet up-to-date. Pkt. 10c

For **New Kinds of Sweet Peas** look under **Novelties**, and for **Mixtures** refer to **General Collection of Flower Seed**, page 64.

PRICE —Any of the above except where noted, 5c per pkt., 10c per oz., 25c per 1/4 lb., 75c per 1 lb.

The Pioneer Seed House of Toledo, Ohio.

FIFTY-FOUR YEARS OF EXPERIENCE

To Our Friends and Customers:

With pleasure we hand you our Annual Seed Catalogue for 1906, and shall hope to have a continuance of your valued commands.

By reason of our country's vast increase in wealth and population, Vegetables, Fruit and Flowers are in growing demand, so that all who engage in the Farming, Gardening and Horticultural line will surely make money provided they buy good seed.

We were born and raised in the seed business and our customers get the benefit of a lifetime of experience. Our customers also have the advantage of our unequalled shipping facilities. Toledo, with thirty-five railroads and interurban trolley roads, besides eight express companies, many steamship lines and central location, is far ahead of any other city in this respect.

Kindly read our Catalogue over carefully in its different departments, as with cultural directions, etc., we know you will find much to interest you.

QUALITY OF SEEDS.—We don't buy cheap Seeds. We have our Seeds, Bulbs and Plants grown by the most celebrated and reliable Seed growers in this country and Europe, and it is our constant aim to send out only Seeds of superior quality, and the prices we ask for them will compare favorably with those of any first-class house. **We guarantee that all our Seeds are of good germinating quality.** All persons conversant with horticultural operations will, however, know that at times the best of seeds fail to grow, owing to causes we cannot control and entirely beyond our responsibility.

The **Market Gardener** or progressive, practical **farmer** does not look for **cheapness** when buying his Seed. What he wants is Seed **true to name** and of **strong vitality**, which he certainly gets when he buys **Philipps' Pioneer Brand Seeds.**

MAIL ORDER BUSINESS.—We have no canvassers or agents to solicit orders. All outside business is done through mail orders direct to us. This means a saving to our patrons as well as to the firm. Close and prompt attention to such orders and honorable dealing have assured us a steady growth, and we now enjoy an immense mail order business. Our friends and patrons have found by experience that buying through letter is as safe and satisfactory as buying over the counter, and have materially assisted in the extension of our business.

SEEDS POSTPAID BY MAIL.—All **Vegetable** and **Flower Seeds** (not Field Seeds) by the packet, ounce or pound, will be delivered by us, **postage paid and free of all expense.** When **Beans, Corn** and **Peas** are ordered we have to request an additional 15c per quart or 8c per pint, to be added for part postage on same. This system places our store at your very door, and enables customers thousands of miles away to obtain their supplies as cheaply as if they called in person at our store.

NOVELTIES.—We devote considerable time each year to testing the various so-called novelties offered by the seed dealers of this and other countries, and whenever we discover anything desirable we offer it to our customers. In each department of this catalogue we offer a number of well tested novelties, which we are sure will prove satisfactory.

ADDRESS, ETC.—In ordering please be particular to write your **Name**, also that of your **Postoffice, County** and **State** **plainly**, also mention the mode of conveyance you prefer—whether by mail, express or freight, also name of express or freight station. Serious delays are sometimes occasioned by failure to give attention to these matters. When not specified we shall use our best judgment. When goods are sent C. O. D., return charges will be added. As the prices of articles are catalogued, the purchaser can save the return charges by enclosing the remittance with the order.

ORDER EARLY.—The best time to order is just as soon as you receive this catalogue, as we can always give your orders more of our personal attention if they come in before the rush of the Spring trade. Please use our order sheet, as it makes it more convenient for us in filling orders.

GUARANTEE.—Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best Seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil, insects of different descriptions destroying the plants as soon or before they appear; wet weather, cold weather, frosts, chemical changes in the Seeds induced by temperature, etc. For these reasons it is impracticable to guarantee Seeds under all circumstances, and while we exercise the greatest care to have all Seeds pure and reliable, we do not give any warranty expressed or implied. If the purchaser does not accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for them will be refunded.

HOW TO SEND MONEY.—Cash should always accompany the order. We will be responsible for money sent us by Postoffice Order, Express Money Order, Bank Draft, Express, or by Registered Letter.

Bills, Coin or Stamps (we accept postage stamps same as cash) can be sent safely by registered letter. Every postmaster is required to register any letter on payment of eight cents extra postage. We will in no way be responsible for Stamps or Money enclosed in a letter without registering. In case it is possible to send in no other way than U. S. Postage Stamps, we prefer the two-cent letter stamps, and care should be taken not to have them get moist and stick together.

Please remember we are **Growers and Importers** of all kinds of **Garden, Field and Flower Seeds**, and can sell you just as good seed as any seedsman has to offer.

We want your trade and ask that you let us know your wants, when we will be pleased to mail you any information at our command, also quote you right prices for **best Seeds and Implements** money will buy.

For Introduction and General Directions.	Read Page 1
For Vegetable Seeds and Herbs.	Read Pages 2 to 34
For Field Seed Department, Grass and Lawn Seeds.	Read Pages 35 to 42
For Flower Seed Novelties and General Collection of Flower Seed.	Read Pages 43 to 65
For Summer Blooming Bulbs and Roots.	Read Pages 66 to 70
For Hardy Perennials, Roses, Shrubs and Small Fruits.	Read Pages 71 to 77
For Fertilizers, Lawn Dressing and Nitro Culture.	Read Page 78
For Poultry Supplies, Incubators Brooders, Etc.	Read Pages 79 to 80
For Sprayers, Insecticides and Spraying Formulas.	Read Pages 81 to 83
For Implements and Farm Machinery.	Read Pages 84 to 88

Put this book where you can find it when wanted, or better still, send us your order at once and have it filled before the rush at seeding time.

Be neighborly and trade your money for our goods.

We shall hope to hear from you soon and often during the year 1906.

THE HENRY PHILIPPS SEED & IMPLEMENT CO.

General List of Standard Vegetable Seeds.

ARTICHOOKES.

CULTURE.—Sow in April and May in rich soil and transplant to permanent beds the next Spring, in hills three feet apart each way, with three plants to a hill. A rich, deep loam is required and plenty of moisture.

The Globe Artichoke is cultivated for its flowerheads, which are cooked like Asparagus. On account of its hardiness, easy culture and perennial nature, plants will remain in bearing a long time.

✓ **Large Green Globe.** is the most popular and best for general cultivation. Paper 5c; oz. 30c; lb. \$2.50.

Tuberous-Rooted Artichoke—New White. Well known throughout the country. The roots are esteemed for pickling and are a profitable crop to grow for feeding hogs, colts, calves and sheep. Yield sometimes 1,000 bushels per acre. Like parsnips, freezing solid and thawing many times does not spoil them, so it is not necessary to dig them for Spring use. Four bushels plant an acre. Per peck 50c; bushel \$1.75. If by mail, postpaid, 25c per lb.

ASPARAGUS.

CULTURE.—Sow early in Spring in drills two inches deep, rows one foot apart; keep clear from weeds by frequent weeding. One ounce of seed will produce about 400 plants; 10,000 plants required per acre. When one or two years old transplant into permanent beds, which should be made rich by plenty of manure. The perfection of the shoots depends mainly upon the favorable condition of the soil. Set the plants in rows about one and one-half feet apart and three feet between rows, with crown of the root three inches below the surface. Every fall remove the stalks and apply a good dressing of manure, which it would be well to stir in the following Spring with a liberal dressing of fine salt.

✓ **Conover's Colossal.** A well tried standard variety; large size, quick growth, excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 50c.

✓ **Palmetto.** Very early and desirable on account of its large size, even and regular growth, great productiveness and excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

✓ **Barr's Mammoth.** Of very large, quick growth. Earlier than the Conover's Colossal and more than twice as large. It is wonderfully productive throughout the entire season; very tender and very delicious flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c.

✓ **Columbian Mammoth White.** This variety is a sport from Conover's Colossal, and originated on the farm of a prominent Asparagus grower on Long Island. It produces pure white shoots and requires no artificial blanching. On this account it brings in the market a much higher price than any other sort. It is a strong grower and comes remarkably true from seed—not more than 10 per cent. reverting to the type. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 65c.

ASPARAGUS ROOTS.

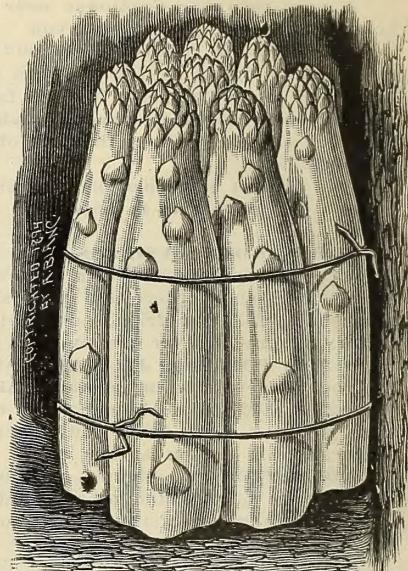
By purchasing Good Strong Roots one or two years' time is saved.

Columbian Mammoth White. By mail, postpaid, 50 roots, \$1.00; 100 roots, \$1.50. By express, not prepaid, 100 roots, 75c; 500 roots, \$2.50; 1,000 roots, \$5.00.

Conover's Colossal. By mail, postpaid, 50 roots, 50c; 100 roots, 90c. By express, not prepaid, 100 roots, 60c; 500 roots, \$2.00; 1,000 roots, \$4.00.

Palmetto. By mail, postpaid, 50 roots, 70c; 100 roots, \$1.25. By express, not prepaid, 100 roots, 60c; 500 roots, \$2.50; 1,000 roots, \$4.50.

Barr's Mammoth. By mail, postpaid, 50 roots, 70c; 100 roots, \$1.25. By express, not prepaid, 100 roots, 60c; 500 roots, \$2.50; 1,000 roots, \$4.50.



Asparagus—Columbian White Mammoth.

BEANS.

Beans are a short crop again this year and prices therefore high for good seed stock.

PHILIPPS' DWARF OR SNAP BEANS—Green Podded Varieties.

One quart to 275 feet of drill; $1\frac{1}{2}$ bushels to the acre.

Of the many varieties of Beans, the following list comprises the very best of all, of which our stock is extra choice, the stock each year being carefully "rogued" and the seed stocks improved by continued intelligent selection.

CULTURE.—About the first of May select a warm, dry, sheltered spot; dig and manure slightly; make drills two inches deep and two feet apart; drop the Beans three inches apart in the drills and cover not more than two inches deep. Keep hoed (when not wet) and the weeds killed. Sow every two weeks for a succession. Beans are very tender and should not be planted in the open ground until danger of frost is over.

Refugee, or 1,000 to 1. Medium to late; very productive and tender, and largely grown for main crop; round pod. Pkt. 5c; pint 15c; quart 20c; peck \$1.25.

Burpee's Stringless Green Pod. One of the earliest and best round podded Beans in cultivation. Pkt. 5c; pint 15c; quart 30c; peck \$2.00.

Improved Extra Early Round Pod Red Speckled Valentine. A select strain of Early Red Valentine, ripening very uniformly and producing enormously. Pods tender and succulent; the most profitable sort for the gardener; ready to pick in 35 days. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50.

Early Mohawk. Long, flat and straight pod; very hardy. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 20c; peck \$1.25.

Long Yellow Six Weeks. Extra Early and a most excellent variety; the leading market sort; has full, flat pods. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 20c; peck \$1.25.

Horticultural Dwarf. Excellent quality as a shell Bean, either green or dry; equal to the pole Bean, easier to cultivate. Pkt. 5c; $\frac{1}{2}$ pt. 10c; pint 15c; quart 20c; peck \$1.25.

Canadian Wonder or Rose Bean. Of very dwarf habit. Pods tender and delicious, growing long, frequently 15 inches. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 20c; peck \$1.25.

BEST SHELLLED BEANS.



Improved Extra Early Round Pod Red Speckled Valentine.

White Kidney. Excellent either green or ripe, early and very prolific. Pkt. 5c; pint 10c; quart 20c; peck \$1.25.

White Marrowfat. Good as either a string or shell Bean; heavy cropper. Pkt. 5c; pint 10c; quart 20c; peck \$1.00.

White Navy or Boston Pea Beans. Pkt. 5c; pint 10c; quart 15c; peck 75c.

The Goddard, or Boston Favorite. Particularly valuable as a shell Bean, being very large, handsome, and of delicious flavor either green or dry; it is very productive. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50.

PHILIPPS' DWARF—Wax Podded Varieties.

Wardwell's Dwarf Kidney Wax. Extra early, hardy and productive; pods long, broad, flat, and of a delicate waxy yellow; brittle and entirely stringless; decidedly the best Bean for market gardeners. Our price on this Bean lower than other seedsmen sell them should insure us your order. Beans white with two shades of reddish purple, and a distinct

kidney shape; remarkably free from rust; excellent flavor. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 30c; peck \$2.00.

Currie's Rust-Proof Golden Wax. It is positively rust-proof. While grown side by side for several years with other Wax Beans, all of them more or less affected by rust, many of them completely ruined by it, this Bean has remained entirely free from it. Exceedingly crisp and tender, and of a most delicious flavor. As early as the Golden Wax, and it is moreover amazingly productive. Habit upright and robust, holding the pods well from the ground, pods long, flat and straight, of a beautiful golden color; the best Black Wax Bean out. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.

The Davis Kidney Wax Bean. This is a new and distinct Kidney Wax variety of late introduction, and proved without exception to be the best white seeded wax podded Bean known. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the center and well up from the ground. It is very productive, always giving a large yield of handsome pods, with a small proportion of imperfect and misshapen ones. The pods are very long, oval, clear wax-yellow color, and when suitable size to use for snaps quite stringless, showing no tendency to string until they approach maturity. Practical market gardeners are delighted with it because of its earliness, hardiness, productiveness, handsome appearance, its good shipping and selling qualities and small proportion of waste and second quality pods. Canners say it is just what we want: a long, straight, clear white pod which does not discolor in canning. The large, handsome, kidney-shaped dry beans are attractive, and this new Bean is sure to become a very popular and standard sort for family garden as well as market, and we highly recommend to our friends to give it a trial. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.



The Davis Kidney Wax.

Dwarf Red Flageolet Wax. Pods very large, sometimes 10 to 12 inches in length; entirely stringless, very fleshy, exceedingly tender and succulent; one of the heaviest yielders and nearly always exempt from rust. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.

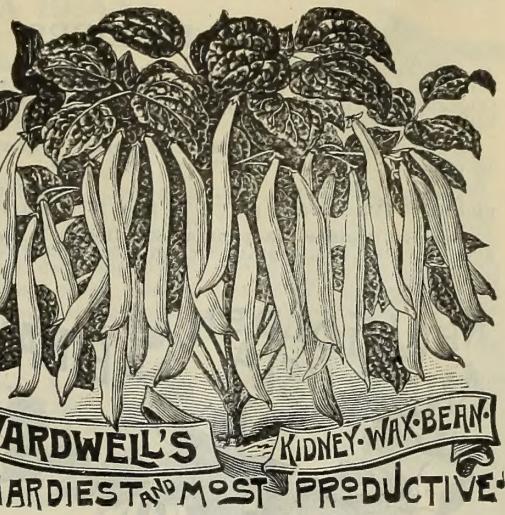
Golden-Eyed Wax. This Wax Bean has pods about five inches long, and one - half inch broad, straight, flat and fairly fleshy. A good yielder. Price, pkt. 5c; $\frac{1}{2}$ pint 10c; quart 25c; peck \$1.75.



New Prolific German or Cylinder Black Wax Bush Bean.

Bush Bean. This is an entirely new and improved strain of the old favorite German or Black Wax Bean, earlier and very productive. Pods perfectly round, straight, long, and of an even, rich golden color. Pkt 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.

Improved Golden Wax. (Rust-proof.) The handsomest and hardest of all the Wax Beans. Very productive; pods straight, broad, and a beautiful golden wax; quality very excellent. It is also one of the very best green shelled beans and excellent dry. We recommend it to all. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.



Improved Golden Wax.

PHILIPPS' POLE OR RUNNING BEANS.

CULTURE.—Sow as soon as the soil becomes warm and dry, from the first of May (for all except Limas), to the latter part of May, in hills four feet apart each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles eight to ten feet long should be set firmly in the center of the hills before putting in the seed.

Horticultural or Speckled Cranberry. Showy and excellent either snap or shell Beans. A popular variety. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.

Dutch Case Knife. White seeded. Pods long, green and flat; can be either snapped or shelled when used; good for picklings. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 30c; peck \$1.75.

Scarlet Runner. A popular English pole Bean; very ornamental, producing scarlet flowers; good for snap or green shelled. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 30c; peck \$1.75.

Seibert's Extra Early Lima.

Extra Early Jersey Lima. }

Mature ninety days from germination. Yield about eighty bushels green pods per acre. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 30c; peck \$1.75.

Extra Large or Mammoth White Lima. This is the largest of all the Limas. The pods are of enormous size and contain from five to eight beans. Largely grown and highly esteemed. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 30c; peck \$1.75.

Tall German Wax (Indian Chief). Black seed. A good snap sort, maturing in seventy-five days; also good for shell Beans. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 35c; peck \$2.00.

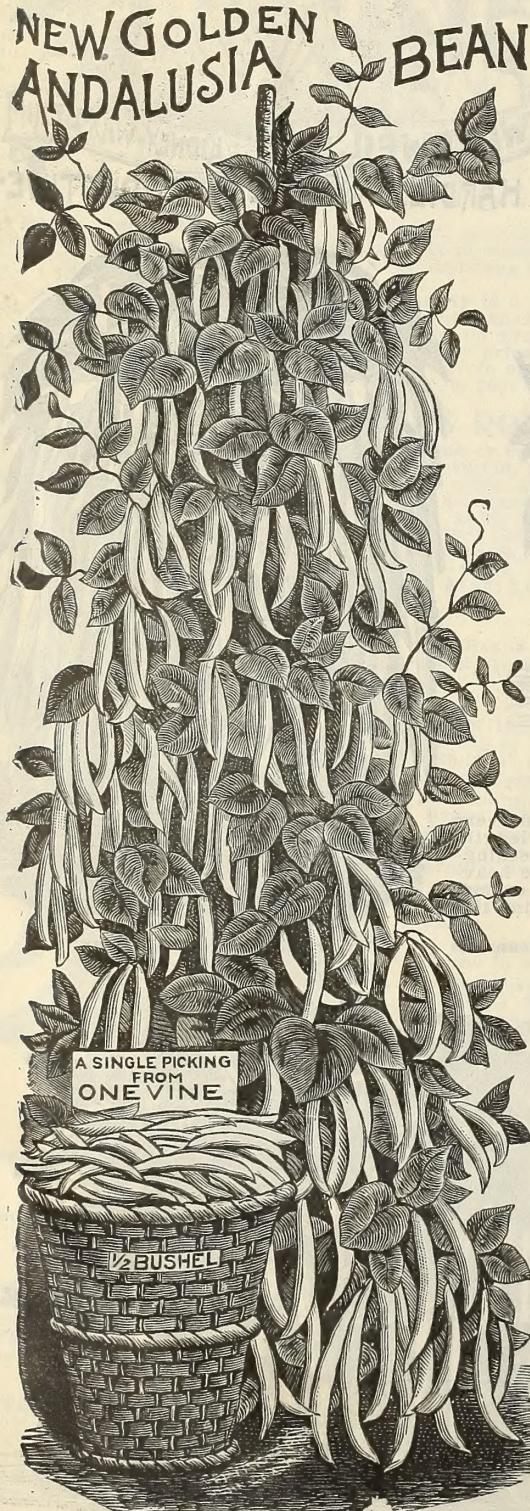
New Golden Andalusia Wax Bean. This new Bean has created a decided sensation. Hundreds pronounce it emphatically the most valuable pole variety ever offered. It originated in Andalusia, Bucks County, Pa., with a celebrated Bean grower. Our illustration gives some idea of its wonderful productiveness. It is nothing unusual to pick one-half bushel to three pecks from a single vine at one picking. The pods are five to six inches long, broad, thick, very fleshy and entirely stringless, far surpassing all other varieties in this respect and retaining these important qualities until almost ripe. Exceedingly rich, buttery and fine flavored. The vines cling well to the poles, a very important feature, as the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The Beans when dry are round as a bullet, pure white in color, and also make a fine shell or Winter Bean. Large pkt. 10c; pint 20c; quart 35c; peck \$2.00

White Creaseback Pole. Exceedingly productive; in clusters of from four to twelve handsome green pods, six inches long, perfectly round, entirely stringless; very fleshy. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.

Red Speckled Cut-Short, or Cornhill. An old variety, very popular for planting among corn, and will give a good crop without the use of poles; vines medium, with dark colored, smooth leaves; pod short, cylindrical and tender. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.

New Early Golden Cluster Wax. Undoubtedly the earliest pole variety. Only about ten days behind the Dwarf Golden Wax. Although it begins to bear early, it continues until frost. Every one is surprised at its beautiful appearance and productiveness. The pods are from six to eight inches long, borne in clusters of from three to six, and most freely produced; stringless, very tender, and of a delicious flavor. Pkt. 10c; $\frac{1}{2}$ pint 15c; pint 20c; quart 30c; peck \$2.00.

Lazy Wives Pole Bean. This variety originated in Bucks County, Pa., where for a number of years it has been the most popular Pole Bean grown. Pods are wonderfully broad, thick, fleshy, and above all, entirely stringless. In these respects they surpass any other known. Then, again, the pods retain their rich, stringless and tender qualities until they are almost ripe, so much so, in fact, that we are perfectly safe in saying that they are the best of all Snap sorts. They also surpass every variety in the way vines cling to the pole, and every bean grower will at once acknowledge this is a most important qualification. The name, we think, implies productiveness, for the vines being covered all summer with masses of beautiful pods, it is just the sort to suit wives, as a mess can soon be picked for dinner. Pods are rather flattish, oval shape, and when fully grown are from four to six inches long, exceedingly rich, buttery, and fine flavored when cooked. They are hardy, easily grown and enormously productive. We could furnish hundreds of testimonials from persons who have used the Lazy Wives Bean, all claiming it to be the best bean they have ever tried, and many have discarded all other kinds, using this for an early and late snap sort, and also as a dry shell or Winter bean; and such is the peculiar taste and flavor of this Bean that we have known many persons who could not be induced to eat other varieties of string beans after tasting Lazy Wives, if they could obtain the latter. Pkt. 10c; pint 20c; quart 30c; peck \$2.00.



New Early Golden Cluster Wax.



BUSH LIMA BEANS.

The **Bush Limas** grow without aid of stakes or poles, in compact bush form, 15 or 18 inches high; produce enormous crops of delicious Lima Beans which can be as easily gathered as the common garden bush Bean. They are earlier than the climbing Limas and bear until frost.

Henderson's Bush Lima. The earliest of the bush Limas, two weeks earlier than any of the climbing beans. It is small in size, but of high table merit, and in favor with housekeepers on account of its delicious flavor and great productiveness. The plant requires no support of any kind. It bears until frost, and a small patch will supply a family. Pkt. 5c; pt. 15c; qt. 30c; pk. \$2.00.

Burpee's Bush Lima. A dwarf or bush form of the large climbing Lima. The climbing habit has been almost wholly obliterated, and no poles are required. The pods and seeds are

of full Lima size. The common yield is from 50 to 200 marketable pods per plant. The size and luscious flavor of the bean are exactly the same as with the climbing Lima types. Pkt. 5c; pt. 15c; qt. 30c; pk. \$2.00.

Wonder Bush Lima. An improvement of Burpee's Bush Lima, being earlier and absolutely dwarf. The plants are upright and compact in growth and completely covered with large pods when ready for picking. Pkt. 5c; pt. 15c; qt. 30c; pk. \$2.00.

When Beans are ordered by Mail, Postage must be added to Catalogue prices at the rate of 15c per Quart.

BEETS.

For the Table.

(One ounce sows 60 feet of drill; 4 to 6 lbs. for one acre.)

CULTURE.—Sow as early in the Spring as the ground can be worked, and every two weeks after for a succession up to the first week in July. For general crop sow about the middle of May. The soil should be light, well enriched with manure, plowed and harrowed until very fine. Sow in drills one foot to fifteen inches apart, and when well up, thin from four to six inches. The young Beets pulled out of the rows are excellent used as Spinach.

Crosby's Improved Egyptian.—We believe this to be the earliest variety of Beet in existence. It was originated by a leading market gardener for the Boston market, and is a great improvement on the old Egyptian, being thicker, handsomer and more regular in shape, smooth, with very small tops and small tap root. It is of perfect shape when small, thus making a good Beet for bunching, and is very popular with the Toledo market gardeners for this purpose. Our seed stock is first-class and all gardeners should buy it. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Edmand's Early Blood Turnip.—One of the best Beets grown, being a very careful selection. The roots are of good form, round, with only one single small tap root; the flesh is of a deep blood red color, and very sweet and tender; they can be planted very closely, as they do not grow large and coarse, and have a very small top. It is one of the best for the market gardener and for table use. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.

Detroit Dark Red Turnip.—A first-class deep red Turnip Beet both for market gardeners and home use. Has small upright growing tops, leaf-stems and veins dark red, blade green, roots globular, smooth, tender and sweet, and remaining so for a long time. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.

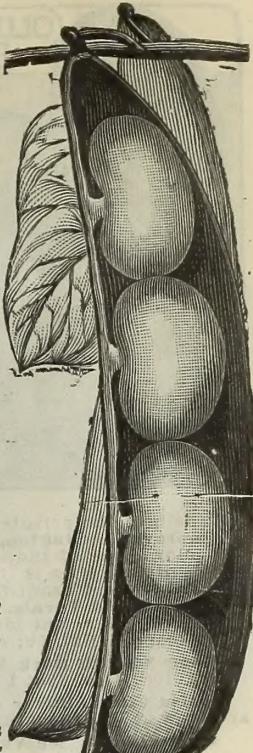
Eclipse.—A very early, smooth, dark, globe-shaped Beet, with small top; in earliness and quality it is excelled by none. A good cropper. We can recommend it highly for market and garden use. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Crosby's Improved Egyptian, the Best Beet Grown—All Gardeners Should Try It—Our Seed Stock Carefully Selected.

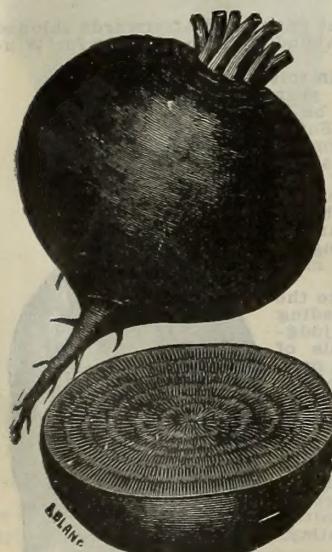
Early Blood Red Turnip.—The old stand-by and a universal favorite. Deep blood color. Good early and late. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

New Half Long Blood.—This is an entirely new and distinct variety, by far the best for Summer and Winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

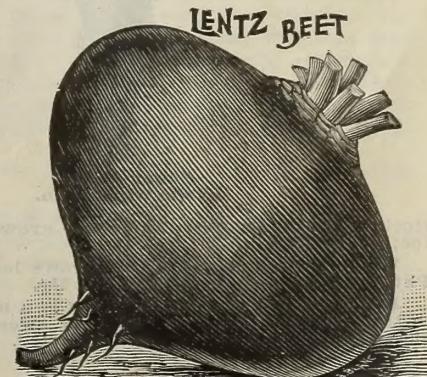
Improved Early Egyptian.—The standard early market sort; color very deep red; tender and sweet; in form like the Flat Dutch Turnip. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.



Burpee's Bush Lima Bean.



Edmand's New Blood Beet.



LENTZ BEET



New Columbia Blood Beet.

This is a distinct new Beet of a handsome turnip shape, with smooth skin and deep blood red flesh of finest quality. Ready to use very early, as soon as the well known Egyptian, but of better quality. It is remarkably thoroughbred. The tops uniformly small, and of a rich, bronzy color. Is not only of unusual value to the market gardener, but its fine quality

will delight the private planter. (Is a money maker.) Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

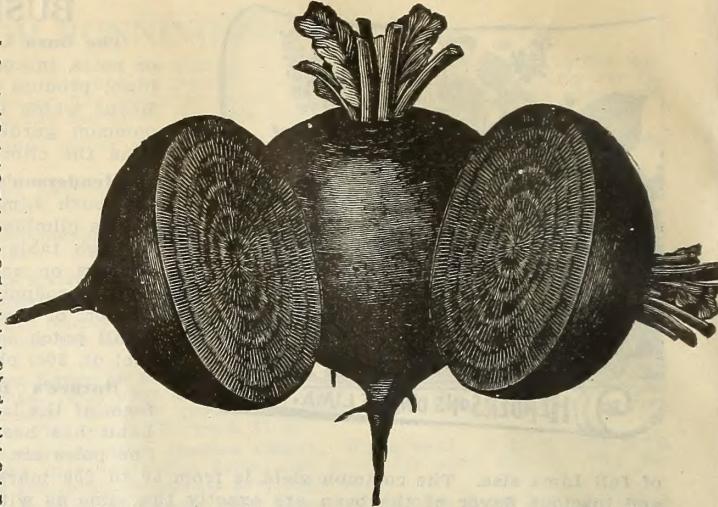
Improved Arlington, or Rawson's Boston Market Beet. A great favorite, of medium size and a dark, rich, blood-red color. One of the strongest points in favor of this variety is the fact that it does not get bitter and stringy when it's a little old, as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color leave nothing to be desired in this grand Beet. Pkt. 5c; oz. 10c; 1/4 lb. 15c; lb. 60..

Lentz Blood Turnip. This variety originated with one of the largest market gardeners in Philadelphia. It is as early as the Egyptian, but larger, of a fine, dark red color, a very small top, tender and sweet. It is very productive and a good keeper. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Long Smooth Dark Blood. A good variety of late Beet, sweet and tender; will keep solid and fresh all Winter. Pkt. 5c; oz. 10c; 4 oz. 15c; 1 lb. 40c.

Swiss Chard, Silver or Sea-Kale Beet. Cultivated for its leaves, which are used similar to Spinach. The mid-ribs are stewed like Asparagus. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Beet Plants. See Vegetable Plant List, page 34.



Improved Arlington, or Rawson's Boston Market Beet.

SUGAR BEETS AND MANGEL WURZEL.

SUGAR VARIETIES.

From 6 to 8 lbs. of Seed required to the Acre.

CULTURE.—The seed should be sown from April to middle of June, in drills two feet apart, and afterwards thinned out to stand nine inches apart in the rows. Keep well cultivated and you will have an abundant crop of roots for Winter use. The plants can also be replanted like Cabbage.



Sugar Beet.
Klein-Wanzleban.

stock feeding purposes. The Beets grow to a large size, and perfect in shape. Pkt. 5c; 2 oz.

10c; 1/2 lb. 15c; lb. 25c.

White French Sugar Beet. Grows large and useful for sugar, as well as stock feeding. Pkt. 5c; 2 oz. 10c; 1/2 lb. 15c; lb. 25c.

Red Rosy Sugar Mangel. This is a new variety that will pay all Farmers and Dairymen to try. Flesh white, firm and very sweet, and greatly relished by cattle. Roots grow well above the ground and easily harvested. Pkt. 5c; 2 oz. 10c; 1/2 lb. 15c; lb. 30c.

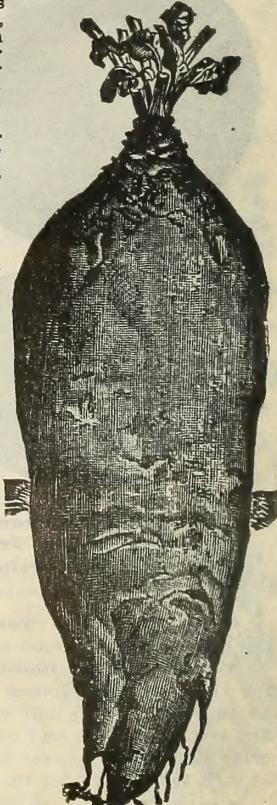
The Sugar Beet industry in this country is growing each year, and first quality seed will be in demand. We import our Sugar Beet Seed direct from Germany and France, so that our customers can depend upon getting first-class seed at rock-bottom prices. Sugar Beets are not such heavy croppers as Mangels, but are of superior quality, containing a large amount of saccharine matter.

The attention of farmers to the growing of roots for feeding stock has increased rapidly, judging from the increased sale of our selected seeds, which now reach several tons annually. The wonderful results are plainly shown in the health and general condition of the animals, and in the increased yield of milk in cows.

The importance and value of this crop to farmers cannot be overestimated, and is fully realized by very few, when the fact is considered that as high as 50 tons of Mangel Wurzel may be grown on a single acre, thus providing fresh and healthful stock food for the Winter at so small an outlay.

Klein-Wanzleban. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is a heavy yielder, and contains 13 to 15 per cent. of sugar. Pkt. 5c; 2 oz. 10c; 1/2 lb. 15c; lb. 30c.

Lane's Improved Imperial Sugar Beet. An improvement on the French Sugar Beet. The most profitable, popular and productive variety of Sugar Beets in cultivation. For feeding cattle, sheep and swine it has no equal. This Beet will yield from 30 to 40 tons per acre, at a cost of 5c per bushel. It is one of the best adapted to the soil and climate of the United States, and most valuable of any for stock feeding purposes.



Mammoth Long Red Mangel Wurzel.

SUGAR BEETS AND MANGEL WURZEL

STOCK FEEDING VARIETIES.

Growing Mangel Wurzel and Sugar Beet for stock is the grower's best investment. These make the cheapest of food for all kinds of live stock: Cattle, Horses, Sheep, Pigs, Chickens. Two bushels of Mangels are worth as much as one bushel of Corn. Four bushels of Mangels are equal to 100 lbs. of good hay. It is pleasing to receive scores of the most flattering reports from our friends of their great crops of Mangels grown from the seed they bought of us. Our friends may rely upon getting the best seed, grown from the choicest strain and stock in the world. Send us your order.

Mammoth Long Red Mangel Wurzel. Very large and productive. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c.

Norbiton Giant, or Jumbo Red Mangel. Stands head above all other varieties of Mangels. Unequalled for yielding and feeding qualities. Thousands of farmers have grown this Mangel and call it the most profitable farm crop they ever tried. If you want a large crop of large Mangels of good quality don't fail to try the Norbiton Giant or Jumbo Red Mangel; enormous cropper. Preferred by many to common Long Red, as its keeping quality is considered better and it is much larger. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c.

Golden Tankard Yellow-fleshed Mangel. This distinct variety is a most important addition to our list of roots for stock feeding, as it contains less water and more sugar than any other Mangel. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. In England, where it is considered indispensable for dairy farming, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this Mangel, but also that the cows are in much better condition. Is exceedingly hardy, and matures earlier than other large sorts. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c.

Champion Yellow Globe Mangel Wurzel. For cattle; large and productive; keeps well; is of orange yellow color; very sugary; easily pulled. Pkt. 5c; 2 oz. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c.

BROCCOLI.

CULTURE.—Same as Cauliflower. This very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.

Broccoli. Large White Mammoth Cape, produces fine large heads, equal in size and quality to the best and largest varieties of Cauliflower. Pkt. 5c; oz. 25c.

BRUSSELS SPROUTS.

CULTURE.—Same as Winter Cabbage. This is a delicious vegetable of fine flavor, allied to the Cabbage family, producing a great number of small heads or sprouts on the main stem of the plant, which are used in the manner of Cabbage. Used and prepared as greens, they are the best in the Autumn, especially after frost. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c.

RELIABLE CABBAGE SEEDS.

SELECTED AMERICAN GROWN STOCKS THAT MARKET GARDENERS CAN DEPEND UPON.

We are Headquarters for Select and Double Tested Seed.

To Market Gardeners generally no vegetable is of greater importance than the Cabbage, and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risk in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable.

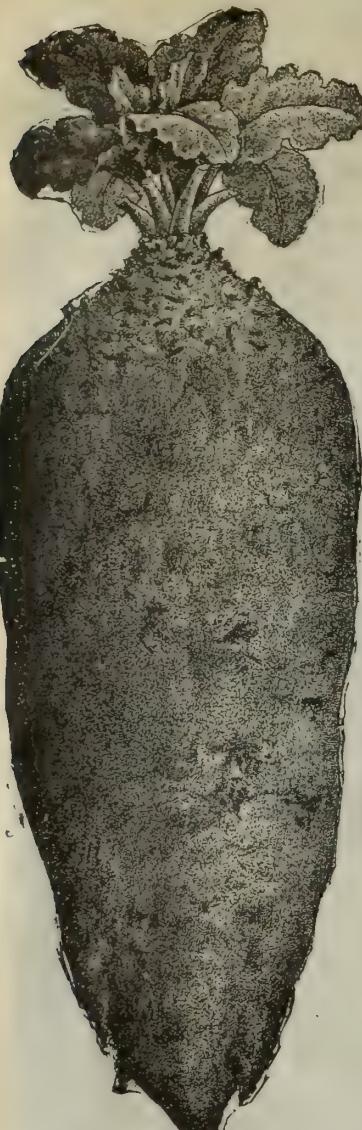
Our Cabbage Seed is high grade and reliable, because it is sure to head under any circumstances where Cabbage will head. Sure to head because the seed is all carefully grown from selected heads of the very best strains. Our trade increases largely every year among Market Gardeners and large growers, who are very cautious of whom they procure their Cabbage Seed, and well they may be, for it is their most important crop. We especially recommend our Select Very Early Jersey Wakefield, a variety of celebrity for the first early; Henderson's Early Summer, Philipps' Improved Succession, Fottler's Improved Brunswick, Danish Ball-Head, our Market Gardeners' Large Late Flat Dutch, Philipps' Premium Flat Dutch. **All Seasons. Sure Head.** Flat Dutch. Philipps' All Head and Autumn King, for general crop.

Our Cabbage Seed is the best that is grown in the United States. We do not touch any cheap seed. Imported Cabbage Seed, of the late sorts especially, will not head in this country.

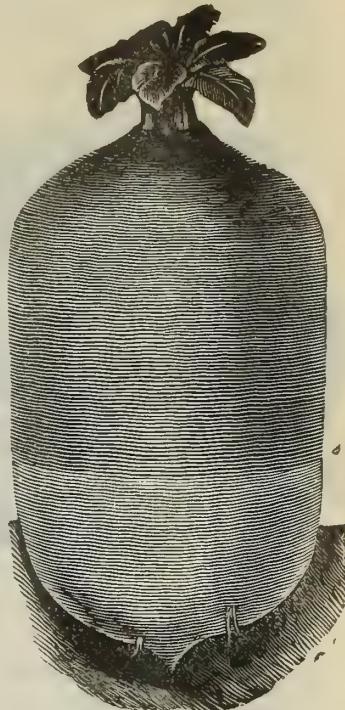
One ounce of seed produces 1,500 to 2,000 plants and sows an area of about 40 square feet.

CULTURE.—Soil for Cabbage should be rich and heavy loam, with good drainage.

Of the early varieties of Cabbage, in latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and transplanted on the first opening of Spring, but in our Northern States they must either be sown in hotbeds in February or wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon the plants may run to seed, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting it is very important with Cabbage or Cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action



Norbiton Giant, or Jumbo Red Mangel.



Golden Tankard Mangel.

of the frost and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April in rows about two feet apart, and eighteen inches between the plants in rows. This earliest crop matures in June. For second early the early kinds should be sown first week in April and planted out in May. This crop should mature in July and August. The late varieties are usually sown in the early part of May and the plants are set in July at a distance of three feet between the rows, and two feet between the plants. This crop matures September, October and November.

For Cabbage Worm Try Slug Shot. Read Page S3 for Description of Slug Shot.

FIRST EARLY.

Select Early Jersey Wakefield. Certainly deserving of its great popularity, and is grown for market more extensively than any other early Cabbage. It heads up remarkably hard and solid; the heads are pyramidal in shape, generally pointed at the end, and having few outside leaves. The plants can be close together. The heads are of excellent quality and good size. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

The Charleston or Large Wakefield Cabbage. It is five to six days later than early Jersey Wakefield. The heads are fully one-half larger and quite solid. It is very compact in growth and can be easily planted in rows two feet apart and twenty inches in the rows. One great advantage is, it does not burst open when ripe, like many other early sorts, and consequently can be left standing on the ground a long while without injury until a favorable opportunity for cutting. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Early Winningstadt or Cone. An old standard variety; heads of a fair size, conical in shape, very solid; good for early and late. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.



Select Early Jersey Wakefield.

Early Summer. The standard for second early. We have an excellent strain of this well-known sort. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Fottler's Early Drumhead or Short Stem Bruns-wick. A rapid grower, has large solid head and few outside leaves. If planted early it is ready for use in July or August; planted late it is a choice winter sort. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

SECOND EARLY.

Danish Summer Ball-Head. We are pleased to introduce to our customers this Summer Ball-Head Cabbage, that we can recommend as a second early quick maturing Cabbage, equally as hard and resembling the Winter Ball-Head you all know so well. We import this seed direct from the originator in Denmark and you can depend upon it. Give it a trial. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

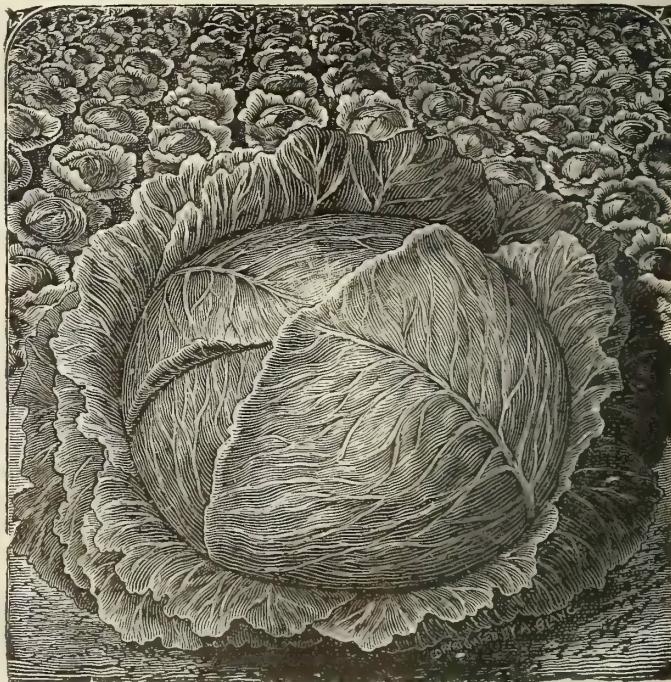
Genuine Sure Head. This popular Cabbage is rightly named Sure Head. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from original seed, and none better is to be had at any price. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

All Seasons. This strain of Early Drumhead Cabbage we offered to the public some years since, under the broad claim of being about as early as the Early Summer, and growing much larger. Gardeners everywhere say they find our claims are fully substantiated in every particular. As its name indicates, it can be planted at all seasons. It forms a fine large head of superior quality, not bursting after heading; the heads are of great thickness, which makes a capital market sort and good keeper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Early Dwarf Flat Dutch. An excellent second early old standard variety, producing fine large heads after the first early varieties have disappeared. Highly valuable both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top, tender and fine grained. Pkt. 5; oz. 15; $\frac{1}{4}$ lb. 50; lb. \$1.75.

Improved Stone Mason, or The Warren. We think this is one of the very best for Fall and Winter use. Our stock is of the best. Plant medium sized, with only a moderate number of leaves; stem medium length; heads medium sized to large, round or slightly flattened, very solid, crisp, tender, without being strong or coarse flavored. It will certainly give the greatest satisfaction. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Philipp's All Head Medium Early Cabbage. It is the earliest of all large Cabbages. Is fully one-third larger than Early Summer. The deep, flat heads are remarkably solid and uniform in color as well as in shape and size. Is of fine quality. By reason of the compact habit of growth of the Philipp's All Head Medium Early and the absence of loose leaves, fully one thousand more heads can be obtained to the acre than of most other varieties of good size. Set the plants eighteen inches apart in the rows with three feet between the rows for cultivation, and Nine Thousand Six Hundred and Eighty (9,680) plants can be set on one acre, 95 per cent. of which, in an ordinary season and with good cultivation, will make good merchantable heads. "All Head" is all that can be desired for earliness; it is also valuable for a late or Winter Cabbage. To winter well the heads must be deep or thick through—a prominent feature of this variety. Seed of the "All Head" sown in July, and plants set out about the middle of August, will bring heads large and solid, which are sure to winter well. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.



Philipp's All Head Medium Early.



Philips' Lupton Cabbage.

of medium size, heavy and solid as a cannon-ball and will keep over winter much better than our old standard varieties of Cabbage. Give it a trial. Pkt. 5c; oz. 25c; 4 oz. 65c; lb. \$2.25.

Philips' Improved Succession Cabbage. This new Cabbage we offer is the best Long Island Seed grown from the center shoots of carefully selected solid heads of the very best strain. The Succession is about one week later than the Early Summer, but is double the size and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. The Succession brings paying prices wherever grown, and may be regarded a boon to the gardening community. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

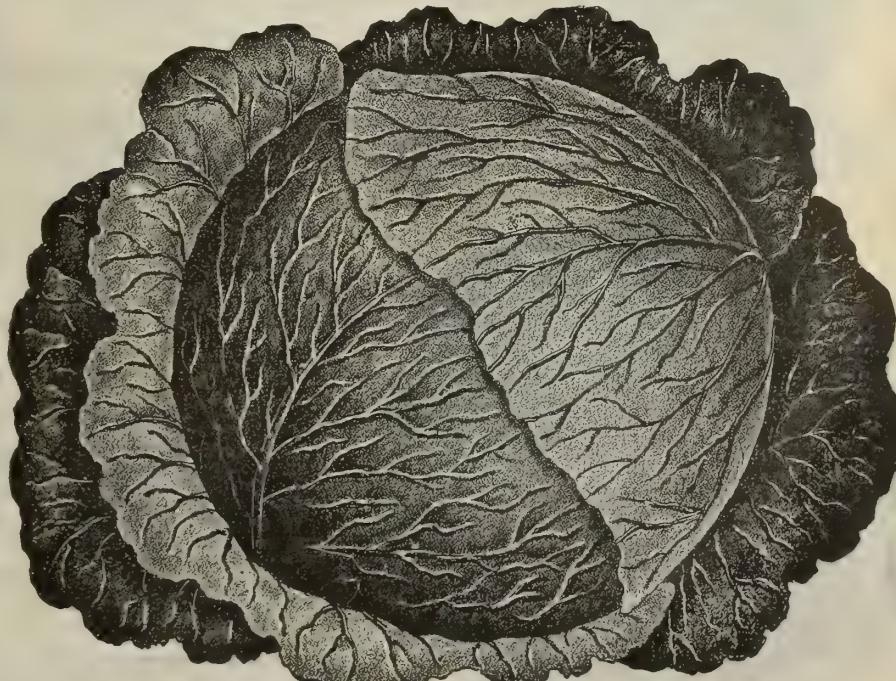
Toledo Market Gardeners' Large Late Flat Dutch. This strain of Cabbage has worked itself to the front and enormous crops are grown every season around Toledo, and we honestly recommend this strain of Cabbage to all who wish to grow a large, heavy, hard, smooth-leaved, late ripening Cabbage; no strain is superior, and few equal to this. The leaves are feathered to the stalk, slightly fluted or twisted on the outer edges. Color, a clear green with a gray or ashy shade under certain lights. The head is thick, broad, solid and slightly rounded on the top, though the variety is what is termed the flat head. The natural habit of the seeding plants is to develop thick, short, stocky stems. The seed is worth twice the money asked for it, the strain carefully selected to meet the most critical demand. To those who have never grown this splendid type of Cabbage, will say that we have received hundreds of the most flattering testimonials about it. All give it the highest praise, and we recommend it to our friends as one of the best and most productive Winter Cabbages in the country. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.75.

THE LUPTON.

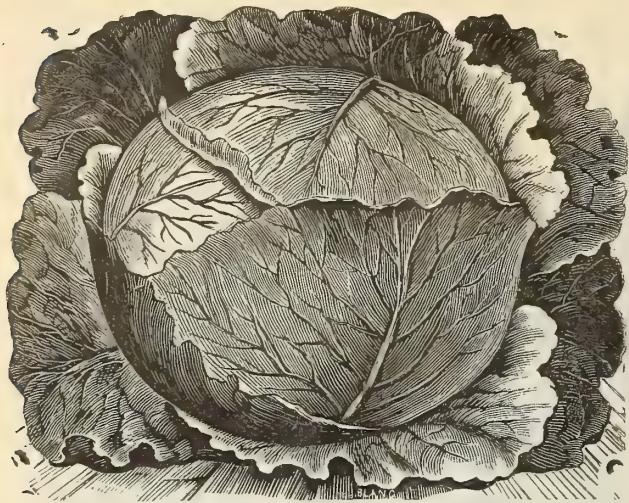
The Greatest Cabbage Ever Offered.
A Thoroughbred Late Cabbage
That Will in Many Ways
Surpass Every Sort
Heretofore Grown.

This famous Cabbage was bred and introduced by Mr. Lupton, who is probably the largest individual producer of Cabbage Seed in the world. It was bred from a single early plant of a late variety; is earlier than any of the late sorts, much more uniform in growth, heads more evenly, is of better quality, is not quite so large; can be planted closer, and will give a crop in weight larger than any of them. The heads are unusually deep, similar to the Hollander or Danish. It is a strong, but not a coarse grower; dark green in color, and fine grained; a good keeper. The hardest heading Cabbage ever grown. This is the unanimous endorsement of the best gardeners in America. Intended for a market gardeners' main crop Cabbage. Price, pkt. 5c; oz. 15c; 4 oz. 50c; 1 lb. \$1.75.

Hollander or Danish Ball-Head Cabbage. For several years past all the large cities in the United States have been furnished with Cabbage shipped in from Holland. This Cabbage, although of medium size, weighs about twice what our native grown Cabbage does, and is therefore easier to handle when selling by the ton. In order to stop this importation and keep our money at home, we imported the finest strain of this Cabbage grown, and now offer this seed to our gardener friends and patrons. The heads are



Our Toledo Market Gardeners' Large Late Flat Dutch.



Improved Autumn King Cabbage.

Improved Autumn King Cabbage. Has proved itself a peerless variety and is coming into general use. We have no hesitation in recommending it as one of the finest late Cabbages in this country. The Autumn King is an entirely distinct variety and the best keeper ever seen; it produces enormous solid heads of that dark shade of green that is most desirable in a



Philips' Premium Large Late Flat Dutch.

Cabbage, and has such small outer leaves that it can be planted much closer than the ordinary late sorts, and can be relied upon to produce a greater weight of crop per acre from the fact of its producing so few outer leaves and going all to head. We understand that some other seedsmen are offering this same stock of Cabbage under the name of "World Beater," which va-

riety was introduced a few years later as one of the grandest of all Winter Cabbages, which is the case with the Autumn King. Pkt. 5c; oz. 15c; 1/4 lb. 50c; lb. \$1.75.

Philips' Premium Large Late Flat Dutch. As a variety for the main crop and the Winter market this has no superior. Heads large, round, solid; broad and flat on the top; they open white and crisp, are tender and well flavored. It is also one of the very best varieties to keep. Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.50



American Drumhead Savoy.

Philips' Toledo Large Late Drumhead. This is one of our standard late maturing varieties. Large, solid head, with very short stem; grows very compactly. Heads frequently attain 20 to 30 pounds. We highly recommend this great Cabbage to all; always reliable as a header and noted for its excellent quality. Pkt. 5c; oz. 15c; 1/4 lb. 50c; lb. \$1.75.



Philips' Toledo Large Late Drumhead.

PHILIPPS' RELIABLE SAVOY OR CURLED CABBAGE.

We desire to call special attention to this class, all of the varieties enumerated below being of much finer flavor and quality than the best of other Cabbages. They are particularly adapted for private use, where quality rather than quantity is desired. Grown in the Fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

Netted Savoy. This is the finest of the Savoy class, and a general favorite. Heads large, very solid and compact, a yellowish-green color, and like all others of the Savoy varieties, is of excellent flavor, far surpassing that of any other late Cabbage. Pkt. 5c; oz. 15c; 1/4 lb. 50c; 1 lb. \$1.75.

American Drumhead Savoy. The largest heading Savoy; of excellent flavor. Pkt. 5c; oz. 15c; 1/4 lb. 50c; lb. \$1.75.

RED CABBAGE.

Extra Early Dark Red Erfurt. The earliest and finest red. A useful sort for pickling. Pkt. 5c; oz. 15c; 4 oz. 50c; lb. \$1.75.

Mammoth Rock Red. The Mammoth Rock is by far the best, largest and surest heading Red Cabbage ever introduced. The plant is large, the head is large, round, very solid and of a deep red color; will average 12 pounds each. Pkt. 5c; oz. 20c; 4 oz. 60c; lb. \$2.00.

It was the Red Cabbage exhibited at the Fairs in our section, from seed we sold, which drew the highest premium. Do not fail to try some.

Much Imported Cabbage seed is offered as American at low prices. Our experience is that imported seed of the late varieties is worthless.

Plants quoted "by mail" are sent at our expense; "by express," at the purchaser's.

Cabbage Plants. Any of our early varieties ready April 10th. By mail, 100, 75c; by express, 100, 50c; 1,000, \$3.00.

Cabbage Plants. Any of our late varieties ready June 1st. By mail, 100, 75c; by express, 100, 40c; 1,000, \$2.00.



Mammoth Rock Red Cabbage.

CARROTS.

Sow 1 ounce to 150 feet of drill; 3 lbs. to the acre.

CULTURE.—The Carrot, like all other root crops, delights in a sandy loam, richly tilled. For early crops sow in Spring, as soon as ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the horse cultivator. As carrot seed is slow to germinate, all precautions must be taken.



Chantenay Half Long Scarlet.

Chantenay Half Long Scarlet. A stump-rooted variety, somewhat resembling the well known Nantes Carrot, but having a larger shoulder and being much more productive; sweet, fine flavored, almost without a core; very fine grained; excellent for home garden and market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Early Scarlet Horn. Blunt, deep red flesh, tender and delicate; a good early summer sort. Also good for forcing. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 70c.

French Forcing. The earliest forcing variety, globe shaped, reddish orange color. Good for bunching. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Altringham. This Carrot is an immense and sure yielder. Roots are long and large, of a fine scarlet color, good flavor and superior feeding qualities. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 45c; 5 lbs. \$2.00.

Large White Belgian. Very productive kind, grown almost exclusively for stock; grows one-third out of the ground; lower part of root white; that above ground green. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 45c; 5 lbs. \$2.00.

Danvers Half Long Orange. This variety originated where the raising of Carrots is made a special business, twenty to thirty tons per acre being no unusual crop. In form it is midway between the Long Orange and Short Horn. The root is of a rich, dark orange color, and grows very smooth. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Guerande, or Ox Heart Carrot. A very desirable Carrot. In length intermediate between Short Horn and Chantenay; much thicker than either, and carries its thickness well down toward the bottom. In color as dark as Chantenay; is an immense cropper, early harvested, requiring no digging, while its handsome appearance and excellent table qualities make it valuable for either the market or home garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

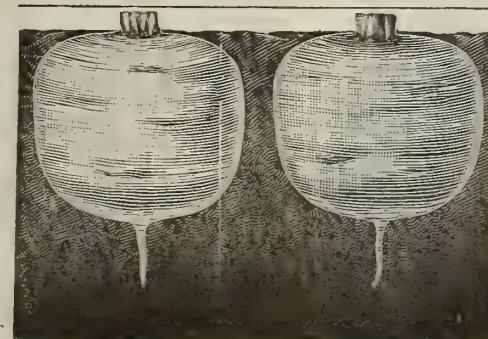
Improved Long Orange. Our Improved Long Orange Carrots, as will be seen by the illustration annexed, are far superior to the ordinary varieties of Long Orange Carrots, and will yield fully twice as much to the acre as the common varieties. In no other vegetable has there been such improvement recently made as in the Carrot, and we claim to have the best strain of Long Orange Carrots there is to be found in this country. We ask our friends to give it a trial, and be convinced of its great superiority. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c; 5 lbs. \$2.25.



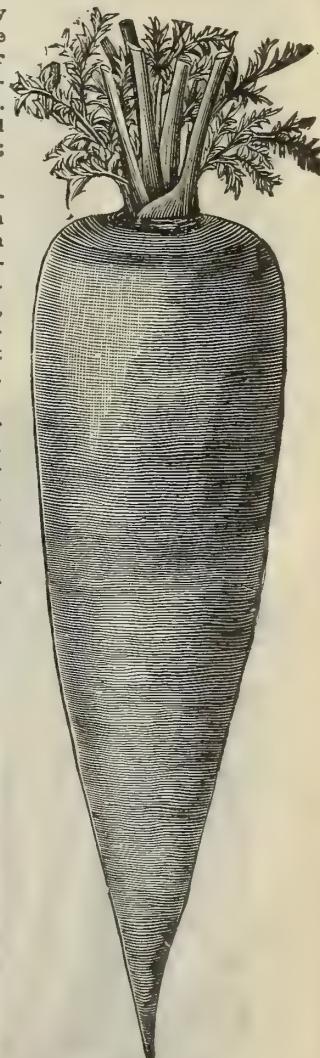
Danvers Half-Long Orange.



Guerande, or Ox Heart Carrot.



Early Round Parisian Carrot.



Improved Long Orange.

Early Round Parisian. This is a new Carrot of extremely quick growth, making it one of the best forcing Carrots on the market. The root is formed much quicker than the French Forcing. The leaves are short and erect, and while small, are quite long enough for bunching. All who desire a small, early and delicious Carrot, one that will mature as soon as many varieties of Radish, should try this. Price: Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

CAULIFLOWER.

Imported Direct from Our Grower in Denmark. Choice Selected Varieties.

CULTURE.—The most delicate and delicious of all the Cabbage family, and requiring the same culture and treatment, but being more delicate, the good culture and richness of the soil recommended for Cabbage are absolutely necessary for Cauliflower. By sowing the early varieties in the Spring in a hotbed or cold frame, or even in an open border, they can be obtained in pretty good season. One ounce of seed will produce about 2,000 plants.

Gilt Edge Snowball. The strain we have of this variety is without doubt the very best to be had. Our stock was grown from the very finest specimens, noted for their earliness, dwarf habit, large size, uniform shape and compact growth. For forcing under glass during Winter and early Spring, or for planting in the open ground, no stock of Snowball can surpass it. Pkt. 25c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.25; 1 oz. \$2.25; $\frac{1}{4}$ lb. \$8.00.

Extra Selected Extra Early Dwarf Erfurt. One of the earliest varieties; small-leaved dwarf, for forcing; producing very solid, pure white heads of the finest quality; about 15 inches high. Don't confound this variety with the cheaper Early Dwarf Erfurt. Pkt. 20c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.25; oz. \$2.25; $\frac{1}{4}$ lb. \$7.50.

Large Late Algiers. A splendid late variety; very popular with canners and market gardeners. Seldom fails to produce large white heads. Pkt. 10c; oz. 75c; $\frac{1}{4}$ lb. \$2.00.

Extra Early Paris. One of the earliest varieties in cultivation. Very dwarf; large, white, compact heads of finest quality. Highly recommended; sure heading variety. Pkt. 5c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; oz. 65c.

Cauliflower Plants. Ready May 1st. Snowball and Erfurt. By mail, dozen, 20c; 100, \$1.25. By express, 100, 75c; 1,000, \$6.00.

CELERY.

French and American. The Finest and Most Superior Strain of Celery Seed Grown in the World.

One ounce will produce about 3,000 plants.

CULTURE.—A very popular and now extensively grown vegetable. It can be grown with success in any ordinary good soil, but attains perfection in deep, mellow bottom land. Sow when the apple is in bloom, on finely raked surface and cover scarcely at all, quite early in the Spring, in a moist place or convenient to water, which apply freely in dry weather. When the plants are four inches (more or less) in height, transplant a portion into very shallow trenches in well manured land, which planting repeat at intervals of two or three weeks for a succession, until the necessary quantity is set out.



Gilt Edge Early Snowball.

White Plume Celery. The earliest and handsomest, the easiest grown and most profitable for early market. White Plume is self-bleaching; the stalk and portions of the inner leaves and heart are naturally white; needs very little banking up to blanch; crisp, solid and of a nutty flavor, while its white, feather-like foliage places it at the head of all others as a table ornament. Our seed can be relied upon as the "True White Plume." We have made a specialty of White Plume ever since its introduction. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.75.

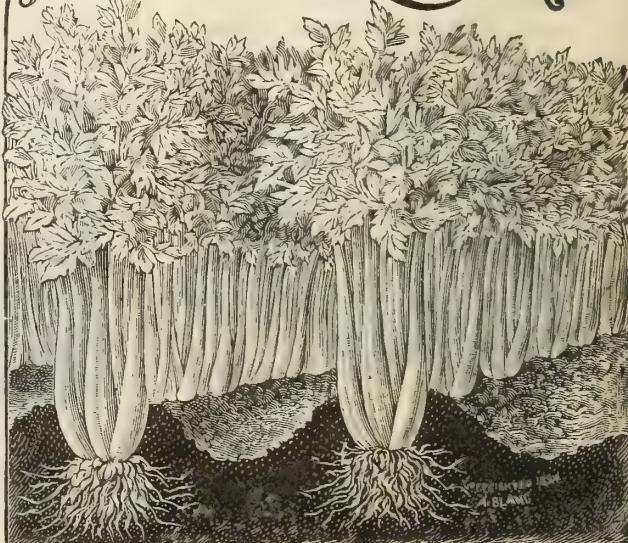
Boston Market. A very superior market variety; much esteemed for family and market use and a good keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

New Golden Self-Blanching (Golden Yellow, Large, Solid). Grown for us in France under special contract. French grown seed of this variety is especially good and much superior to American grown, which latter seed often grows hollow and stringy stalks. This is the best Celery in cultivation, and it cannot be too highly recommended. The plant, with its close habit, compact growth, and straight, vigorous stock, has a beautiful appearance. The ribs are perfectly solid,



New Golden Self-Blanching Celery.

WHITE PLUME CELERY





New Giant Pascal Celery.



Celeriac.

crisp, brittle and of delicate flavor, surpassed by no other variety, while it has the decided merit of being self-blanching to a very remarkable degree. The heart is large, solid, and of a beautiful, rich golden-yellow color. The leaves also are of a beautiful golden-yellow after the plant has been bleached, which adds greatly to its handsome appearance when prepared for the table. No variety can surpass, if indeed equal, the Golden Self-Blanching in striking appearance and delicious flavor. Exceedingly popular with every planter. Excellent sort for early planting and a good keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$3.00.

Crawford's Half Dwarf. A great favorite with market gardeners. Early, solid, vigorous growth, and nutty flavor; very ornamental and exceeds many of the larger growing kinds in weight. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Giant White Solid. The best of the large growing sorts and a favorite variety; solid, crisp and tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Pink Plume. A variety fancied by reason of its distinctive color and hardiness. Quality good; desirable in the private garden as one of the most reliable sorts. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

New Giant Pascal. The latest and best variety of Celery. It is a selection from the Golden Self-Blanching and adds to the general good qualities of its parent, superior keeping qualities. The stalks are very large, thick, solid, crisp, and of a rich, nutty flavor, free from any taste of bitterness. It blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden-yellow, very full and attractive in appearance. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Dwarf Golden Heart. A distinct variety of sturdy dwarf habit. It is solid and an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is large and full, is of light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Perle Le Grand. This new Celery is very handsome, stocky, and of close growing, upright habit, with a golden heart. The flavor is sweet and nutty. The stalk is large and heavy, and when bunched makes a beautiful appearance. It blanches easily and can be used early or late. Good Winter keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Mixed Celery Seed. For flavoring. Oz. 5c; $\frac{1}{2}$ lb. 10c; lb. 25c.

Celeriac Plants. Ready May 1st. By mail, dozen, 20c; 100, 75c. By express, 100, 60c; 1,000, \$3.00.

CELERIAC, OR TURNIP-ROOTED CELERY.

CULTURE.—Sow early in the Spring in light, rich soil; transplant in May into beds. Grown exclusively for its roots, which are turnip-shaped, very smooth, tender and marrow-like. The roots are cooked and sliced; used with vinegar they make an excellent salad. They are also used for seasoning meats and to flavor soups.

Prague Giant. Of fine flavor and large size. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

CHERVIL.

Curled. Aromatic herb. The young leaves are used in soups or salads. Sow thinly in May, in drills half an inch deep, one foot apart. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

CHICORY.

Large-Rooted Magdeburg. Roots of this form the Chicory of commerce. Used to mix with or as a substitute for coffee. Cultivation the same as for Carrot. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c.

CHIVES.

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops, which are used whenever the flavor of onion is wanted. Planted in clumps in any garden soil, they grow readily and increase so as to render a division necessary. The tops appear very early in the Spring, and can be cut throughout the season. They should have a place in every garden. Roots, per bunch, 20c, postpaid.

COLLARDS.

True Georgian, or Creole. Excellent for greens; quite extensively grown in the South. Sow for succession from June to August, and treat as Cabbage. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

POP CORN.

Queen's Golden. A golden-yellow Pop Corn of distinct color. Ears large and well filled with large kernels that pop perfectly white and often measure an inch or more across. Produces four to six ears to a stalk. Pkt. 5c; pint 10c; quart 20c.

Red Beauty. A handsome variety, in size and shape resembling the White Rice, but the grains are of a dark red color. Early and very productive. Pkt. 5c; pint 10c; quart 20c;

Early White Rice. This is the old standard variety of Pop Corn, universally known as the best popping Corn grown. All Pop Corn dealers and candy manufacturers buy this variety in preference to any other. Pkt. 5c; pint 10c; quart 20c; peck 60c; bushel \$1.75. Either shelled or in the ear.



Dwarf Golden Heart.

SWEET OR SUGAR CORNS.

Do not fail to add postage when ordering Corn by mail in pints and quarts.

GROWN UNDER CONTRACT.

Special Prices will be made for Larger Quantities than here quoted.

The Sweet Corn we offer is grown under contract here in Ohio, and also in Connecticut. Corn grown in these sections is acknowledged by all seedsmen and gardeners to be second to none. We could buy splendid looking Sweet Corn grown in western States, at one-half the price we paid for ours, but we prefer to work for the benefit and interest of our customers as well as our own, even at less profit. Half peck and half bushel at peck and bushel rates.

CULTURE.—The Sweet or Sugar Corn varieties being liable to rot in cold or wet ground should not be planted until May, or when the ground has become warm, and for a succession, plant every two weeks until the last week of July, in hills 2x3 feet for the early kinds, and 3x4 feet for the large late kinds. Some plant in drills $3\frac{1}{2}$ feet apart and eight inches in the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills. Eight or ten quarts for an acre.

✓ **Extra Early Adams.** The Earliest White Corn; ready for table sixty days after germination. Height of stalk three to four feet; not a Sugar Corn, but a decided acquisition so very early in the season. In large demand among market gardeners. Pkt. 5c; pint 10c; quart, 15c; peck \$1.00.

✓ **Early Sheffield.** A cross between Cory and Adams, and distinctly superior to either variety; as hardy as Adams, which is not sweet, and as sweet as Cory, which is not hardy. It will withstand light frost. Better than Cory in being free from smut. The stalk grows five feet high, and bears two good-sized ears. The ears are handsome, the grains being in ten or twelve rows. The table quality is excellent. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Golden Bantam.** This is a new and extremely early Sweet Corn. Color deep yellow, very sweet. By reason of the firmness of the grain when thoroughly dry it can be planted as early as the Early Adams, thereby making early market sweet corn. Pkt. 5c; pint 10c; quart 20c; peck \$1.50.

✓ **New Cory.** Extra early. The earliest variety of Sweet Corn known. Has a large ear, considering the size of the stalk and its extreme earliness; small red cob, well filled with broad, deep grains; good quality. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Extra Early White Cory.** In all respects identical with New Cory, except color, kernels and cob being white; earliness the same. This removes an objection some have to the Cory on account of its color. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Mammoth White Cory.** The largest and best extra early variety of Sweet Corn. The stalks are not much larger than the white cob Cory, and each stalk furnishes two or more large, fine shaped ears before other varieties are ready for market. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Early Minnesota.** The standard Market Garden Sweet Corn, ears of suitable size for market purposes, esteemed for its excellent qualities. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Shakers' Early.** Ready about the same time as the Early Minnesota, but the ears are much larger; from two to three large ears to the stalk; kernels large, of pearly whiteness and delicious flavor. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Stabler's Early.** This Corn is of much larger size than usual for such an early Corn; fine flavor. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Philipps' New Wonder Early Sweet Corn.** We offer this new Sweet Corn as the New Wonder of all the early varieties of Sugar Corn ever grown. Its great merit is its earliness, large yield, with ears as large as Stowell's Evergreen, with two and three ears to stalk. Kernel pure white, very delicious, sweet and tender and the most wonderful extra early large-eared Sweet Corn ever introduced. We confidently recommend this New Wonder to the market gardeners as a great money-maker, and should be in every private garden. Our supply is limited, and would advise all in want of this choice corn to order early. Pkt. 5c; pint 10c; quart 20c; peck \$1.25.

✓ **Crosby's Early Sugar.** Early, great favorite in the market, productive and of excellent quality; ears large; a good canning variety. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Moore's Early Concord.** A good second early. Many gardeners plant it as late as July 1st, as the ear will sell as well as Stowell's Evergreen. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Ohio Red Cob Evergreen Sugar.** This variety we consider one of the best for a general crop, coming immediately after the second earliest. It is very productive, has large, well filled ears, with deep kernels and small cob, is very sweet. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **The Hickox Corn.** A large variety, very white, tender and sweet. It grows eight, ten and twelve rowed. A great favorite with those who can corn for market. It ripens about a week earlier than Stowell's. The ears are longer and not quite as thick as Stowell's. Highly recommended. Try it. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

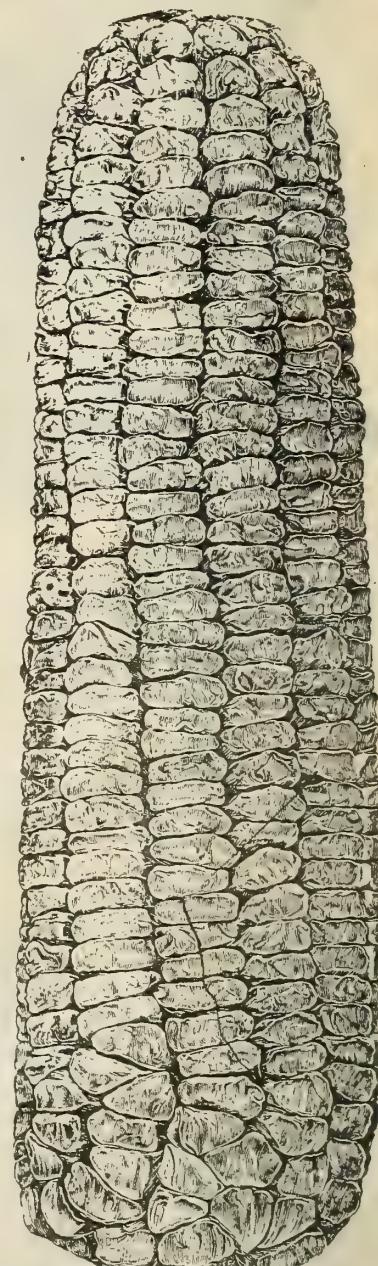
✓ **Stowell's Evergreen.** Grown more extensively than any other variety, being a great favorite with canners and market gardeners for late use. The ears are of large size, kernels very deep, tender and sugary; very productive and remains a long time in fit condition for table use. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Russell's Prolific.** Only a few days behind the earliest. As large as the Evergreen, kernels very large, pearly white and sweet; ears are ten to twelve rowed, large and plump; stalks strong, bearing two or three ears each. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

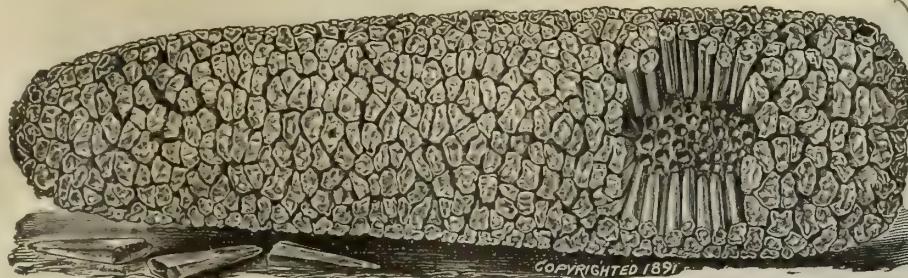
✓ **Black Mexican.** A black-grained variety, one of the sweetest of all kinds. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

✓ **Egyptian or Washington Market.** Ears of large size. Very sweet and of rich flavor. Very productive, used extensively for canning. Pkt. 5c; pint 10c; quart 15c; peck \$1.00.

Sweet Corn is one of the best paying crops to grow. If it cannot all be disposed of in green state, for table use, the corn in its dry state, also the fodder, is very valuable.



Philipps' New Wonder Early Sweet Corn.



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Country Gentleman.



Corn Salad.

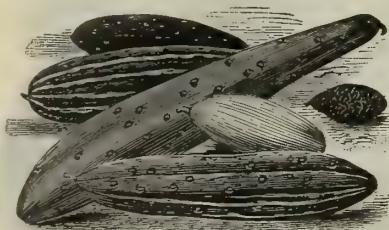
a little old. Medium early, very productive, each stalk yielding three and often four ears. The Country Gentleman is also the most profitable sort for Market Gardeners and dealers. The ears are enclosed in a heavy husk, which tends to keep the ear in the milk for several days longer than any other corns. The ears average eight to nine inches in length, a very attractive size for table. The cob is usually small, and the pearly white kernels of great depth, of delicious quality and flavor. Don't miss trying it. Price, pkt. 5c; pint 10c; quart 15c; peck \$1.00.

At Prices Quoted, Postage is Paid on Beans and Corn in Packets Only.

CORN SALAD OR FETTICUS.

CULTURE.—Sow during August and September, in drills or broadcast. Keep down weeds with hoe. Just before the first of the Winter cover thinly with clean straw or leaves. A delicious hardy salad.

Large Seeded. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.



CULTURE.—For very early sow seeds in hotbeds upon pieces of sod, or in small pots, and they can be readily transplanted, with a gain of about six weeks before they can be sown in the open ground. Plant out in rich soil, when danger of frost is over. For general crop sow in open ground as soon as the weather is settled and warm, and again every two weeks for a succession. For pickles, sow from the middle of June to the first week in August.

Early Russian. Earliest in cultivation, hardy, prolific only about three inches long; fine for pickles; unsurpassed for table use; remarkably solid, with very few seeds and of best quality. Pkt. 5c; per oz. 10c; 1/4 lb. 25c; lb. 75c.

Philips' Everbearing. Small size; very early and enormously productive, and valuable as a green pickle. Pkt. 5c; oz. 15c; 1/4 lb. 30c; lb. \$1.00.

Extra Early Frame, or Early Short Green. Although often sold under each name as different varieties, both are one and the same Cucumber. Productive, of vigorous growth, early fruits of medium size, straight and well formed; popular for both table use and pickling. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c.

Early Green Cluster. Fruit small and in clusters; valuable for pickles. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c.

Toledo Market Evergreen White Spine. A new and improved strain of the well known White Spine, and fast becoming the favorite with market gardeners both for forcing and outdoor culture. It differs from the ordinary White Spine in the fact of always remaining a deep green color in all stages of growth. Altogether it is a most welcome and valuable acquisition for pickling, market or home use, and should be tried by all who have a garden. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. \$1.00.

Improved Extra Early White Spine. For both market use and pickling this variety is now more largely grown than any other, and is very much superior to the old White Spine. Our stock is grown from the true Boston strain. Pkt. 5c; oz. 10c; 1/4 lb. 25c; lb. 75c.

Country Gentleman Sweet Corn.

This is one of the finest of all sweet Corns for private table. The shape of the kernels on the cob indicates high quality. The moment your teeth sink into this luscious, milky, tender corn, you will become a complete convert to it, for it will delight the most fastidious epicure. Ears are plump, milky, pearly white, kernels fairly melting in your mouth, retailing its delicate flavor and tenderness even when

CRESS.

CULTURE.—Sow thickly in shallow drills every two or three weeks. Cut often—it will continue to grow. Useful as a salad, for breakfast table and garnishing. True Water Cress should be grown in damp soil; if a stream of water could be utilized it would be much finer; will also thrive in damp hotbeds.

Curled or Pepper Grass. Pkt. 5c; oz. 10c; lb. 50c.

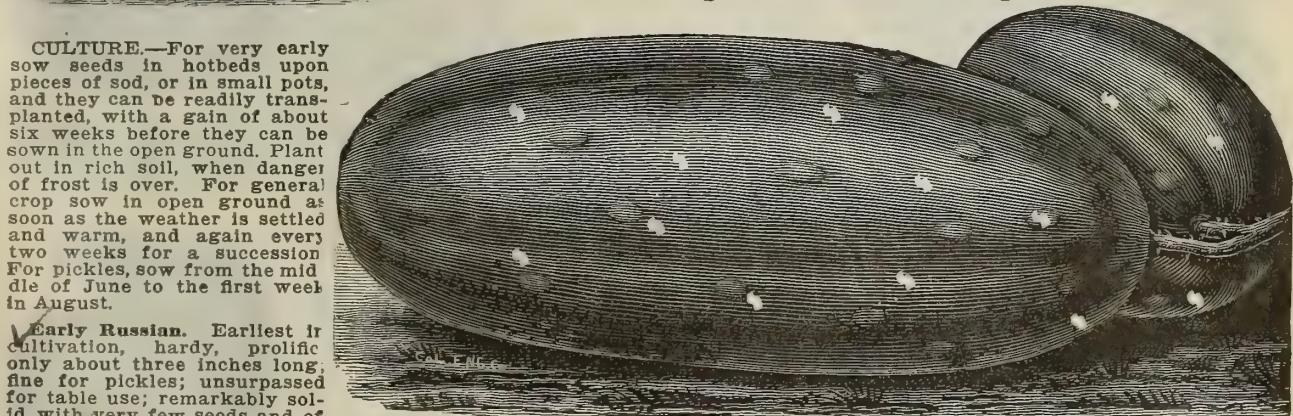
Broad Leaved. Pkt. 5c; oz. 15c; lb. 75c.

True Water Cress. Pkt. 10c; oz. 30c; lb. \$3.00.

CHOICE CUCUMBER SEED.

Growers of Large Quantities of Cucumbers should Write to us for Special Prices. One ounce for Fifty Hills. Two Pounds for an Acre.

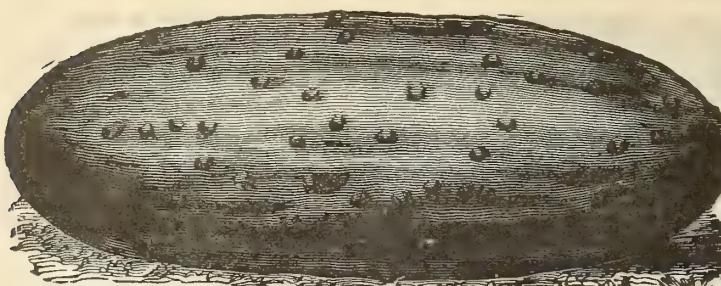
Slug Shot is Death to the Bugs.



Toledo Market Evergreen White Spine.



Improved Extra Early White Spine.



Nichols' Medium Green Cucumber.



Extra Green Prolific Pickling.

The Emerald. A new Cucumber of good quality that holds its color long after being pickled and is almost free of warts and spines; good for forcing and shipping. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Trelby's Hybrid. A cross between the White Spine and a large English variety. Good for market and table. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Japanese Climbing. A real climbing Cucumber for small gardens on poles and trellis. Fruits throughout the season. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

Arlington. For market use this Cucumber is unsurpassed and is now largely grown by all market gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Small Gherkin. Very small burr; used for pickles. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Telegraph. An English forcing Cucumber best suited for greenhouse culture. This Cucumber has very few seeds and grows to a length of from one to two feet or more. Sold in packets only, 25c per Pkt.

Davis' Perfect Cucumber. A sure money-maker for those engaged in growing Cucumbers under glass "for profit," as well as for the market gardener to grow out of doors. This Cucumber holds its color and brittleness long after being cut and makes the best all around shipping Cucumber on the market. This is a very early Cucumber and none better for table use. Sold in Packets only. Price per Pkt. 20c or 3 Pkts. for 50c.

DANDELION.

Improved Large-Leaved. A very early and healthy Spring salad. Sow early in the Spring in drills eighteen inches apart and thin out to six inches in the drills. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

EGG PLANT.

One ounce will produce about one thousand plants.

CULTURE.—Sow early in the hotbed. When plants are three or four inches high, transplant two feet apart in rich, warm, dry soil. Cultivate same as Cabbage.

TO COOK. Cut the slices one-fourth to one-half inch in thickness; pare off rind; put into dish with a layer of salt between the pieces, beginning with a layer of salt at the bottom of dish. Let stand three or four hours, then wipe each slice dry with a cloth; fry in a batter of eggs and flour; season to taste and you have an excellent dish.

New York Improved Large Purple. The best variety in cultivation; **contract grown.** Being early, a sure cropper, and of fine quality. Fruit very large, oval, deep purple; flesh white and tender. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Early Black Beauty. This Egg Plant is an improvement of the above by reason of its being earlier and bearing more fruit. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Egg Plants. Ready May 1st. New York Improved. By mail, doz. 25c; 100, \$1.00. By express, 100, 75c; 1,000, \$5.00.

ENDIVE.

CULTURE.—For an early crop sow in April. For general crop sow in June or July; cover lightly. When up thin out to eight inches apart. When the leaves are six or eight inches long, blanch by gathering in the hand and tying together near the top with yarn or bast. This must be done when quite dry, or they will rot. At the approach of Winter, take up carefully, with a ball of earth to each plant, and place close together in frame or cellar for use. They must be kept dry and have plenty of air or they will rot.

Green Curled. Best for general crop, for early and late use; crisp in quality, hardy. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

White Moss Curled. Very beautifully curled; for early season, fine flavored. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Broad-Leaved Batavia. Has broad, thick, slightly wrinkled leaves; pale green and good keeper. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Giant Fringed. A strong growing variety, with a large white heart and broad stems; good for fall and winter. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

GARLIC.

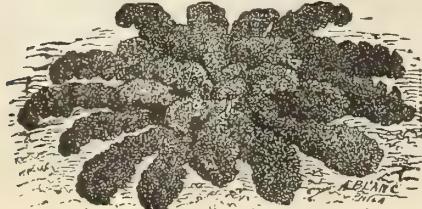
Garlic is the most pungent in taste and has the strongest odor of all the Onion family. It is esteemed for flavoring soups, stews, sausage, etc.

CULTURE.—Prepare ground and cultivate same as Onions.

Large Bulbs—25c per lb.

Small Sets or Seeds will make large bulbs. Per lb. 50c.

GOULD. See Flower Seed Department of this Catalogue.



Dwarf German Curled Kale.

Nichols' Medium Green Cucumber. This new Cucumber is worthy of the first place among pickle sorts, second to none as a slicer, and very good for early forcing purposes; in color dark green; flesh crisp and tender; productive, medium in size, always straight and smooth; a real handsome, good variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Long Green Improved. Long, crisp, and a popular and reliable variety for pickling and slicing for table; good for general crop. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Extra Green Prolific Pickling. One of the best for pickling; dark green, very productive and of uniform small size; very few seeds. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Boston or Jersey Pickling. A favorite eastern sort of fine quality, medium length; reliable variety for pickling and slicing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



Boston or Jersey Pickling.

Extra Long White Evergreen. This variety often grows to exceed twelve inches in length. Very smooth, straight and handsome; is quite early, very prolific, of a dark green color in all stages of growth; crisp tender and free from bitterness. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.

Spine or

White Spine.



White Spine.



New York Improved Large Purple Egg Plant.



White Curled Endive.

KALE, OR BORECOLE.

CULTURE.—Sow from the middle of April to the beginning of May in prepared beds; transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are extremely hardy and are best when touched by frost.

Curled Tall Green Scotch. Hardy; best after frost. Pkt. 5c; oz. 10c; 4 oz. 30c.

German Dwarf Green Curled. Very fine; light green. Pkt. 5c; oz. 10c; 4 oz. 40c.

German Dwarf Brown Curled. Very hardy. Pkt. 5c; oz. 10c; 4 oz. 40c.

KOHLRABI.

ABOVE-THE-GROUND OR TURNIP-ROOTED CABBAGE.

CULTURE.—When young and tender they are fine for table use; when matured they will keep well, and are excellent for Winter feeding to stock. For early use sow in hotbed; transplant and cultivate like early Cabbage. For Winter use sow the middle of June or first of July, in rows ten inches apart. One ounce of seed for 1,500 plants.

Early White Vienna. Flesh white and tender; excellent forcing variety. Pkt. 5c; oz. 20c; 4 oz. 60c.

Early Purple Vienna. An excellent sort, later than the White. Pkt. 5c; oz. 20c; 4 oz. 60c. **Kohlrabi.**



Leek.
Large Improved London Flag.



LEEK.

One ounce will produce 1,000 plants.

CULTURE.—Sow early in Spring, in drills six inches apart and one inch deep. Thin out to one inch. When about seven inches high, transplant them in rows twelve inches apart, and as deep as possible, but do not cover the young center leaves. Water thoroughly, if dry when planted out. Draw earth up to them as they grow. Very rich soil is required. Take up and store in earth in a cool cellar before Winter weather.

Large Improved London Flag. An old standard. Broad leaves of strong and vigorous growth; hardy. Pkt. 5c; oz. 10c; 4 oz. 30c.

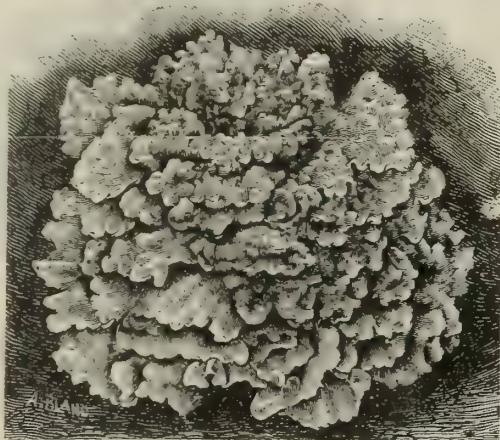
Large Musselburgh, or Scotch Champion. Of enormous size. Leaves broad and tall, spread like a fan; hardy, and of excellent quality. We highly recommend this. Pkt. 5c; oz. 15c; 4 oz. 45c.

LETTUCE.

The Shortest Seed Crop in Years.

One ounce of seed for 2,500 plants.

Lettuce, the most used of all salads, is of very easy culture; every gardener and garden spot should have a plentiful supply. With but little trouble and the proper selection of varieties, it can be had the whole year round, while no other salad is so appetizing or more wholesome. The different varieties find ready sale every month in the year.



CULTURE.—To have fine Lettuce in early Spring, sow in seed-bed from commencement to middle of Autumn. Protect the plants by a cold frame or with litter, as they stand on the ground. Early in the Spring transplant them into rich ground. Or in early Spring sow in hotbeds and transplant. For a later supply sow in drills from time to time, during Spring and Summer; when up a few inches thin out, leaving plants at proper distances; this is better than transplanting late in the season.



Philips' Early White Cabbage Lettuce.

been growing this seed here at home, and we recommend the same as pure and reliable. There is nothing superior, if it has any equal, for growing under glass; it requires less care, will grow more weight in the same space, is not liable to rot, and will keep longer without wilting than any other variety; is of fine appearance, crisp and tender. It is also valuable for outdoor growing. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

Philips' Early White Cabbage or Butter Salad. This is our leading standard sort; heads large, solid, close and well formed, very tender, crisp and of excellent flavor, and always free from bitterness. Desirable for forcing and for out-of-doors. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

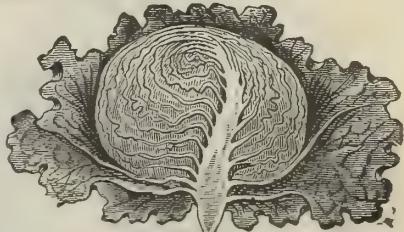
Iceberg. For several seasons we offered this beautiful Lettuce to our customers, and all, so far as heard from, are highly pleased, and regard it worthy of general cultivation. The large curly leaves are of a bright, light green, with a very slight reddish tinge at the edges. The unusual solidity of the heads is insured by the large white main ribs of the leaves, each of which curving strongly into the center acts like a truss, making it impossible for the leaves to open outward and expose the center, which is consequently thoroughly blanched. The quality is simply perfect. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.



New Silver Ball Lettuce.

New Silver Ball. This lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery white color, very rich, buttery, and of most delicious flavor. Early, and stands a long while before running to seed. An excellent variety, both for early Spring and Summer use. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

Early Hanson. Improved hard-heading stock. Forming fine, large, solid heads, which are both crisp and tender. They frequently attain two to three pounds each. We regard it as a very valuable variety. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

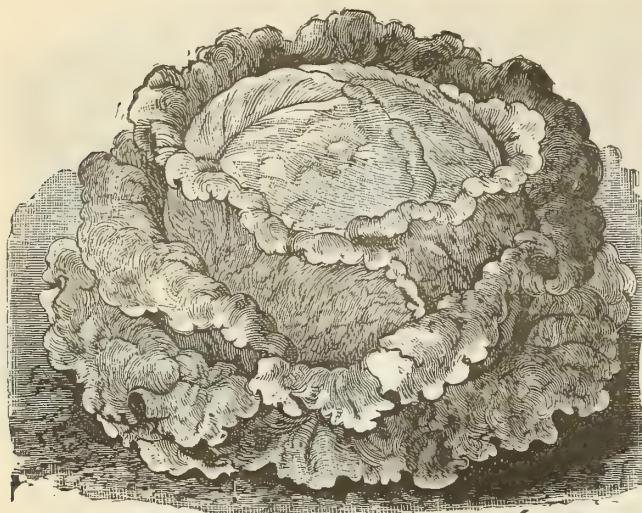


Early Hanson Lettuce.

Tennis Ball. (White Seeded.) A favorite forcing variety, forming a hard head. Can be planted quite closely under glass. Largely used in hotbeds and greenhouses; very hardy. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

Denver Market. This novelty in Lettuce forms beautiful large, solid heads, of a delicate light green color. The leaves are blisters like a Savoy Cabbage, most attractive in appearance. It is very tender, of excellent flavor, grows quickly; is good to grow early in the open ground, yet is slow to run to seed. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

Big Boston. This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is double the size. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. A desirable variety either for forcing in cold frames or open ground planting. The "Big Boston" is sure to be wanted by market gardeners and truckers, because it always produces large, solid, salable heads, and will command itself to amateurs because it heads up well at all seasons of the year, and is of crisp, tender quality. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.



California Cream Butter Lettuce.

Early White-Seeded Curled Simpson. This variety does not head, but forms a compact, close mass of leaves; for forcing and early outdoor sowing. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

All the Year Round. Good for Spring or Fall planting. Bears the heat of mid-summer well; also valuable for forcing. One of the best for market. Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.25.

Mixed Lettuce. Twelve to fifteen sorts—early and late. Pkt. 5c; oz. 15c; 1/4 lb. 40c; lb. \$1.25.

COS LETTUCE.

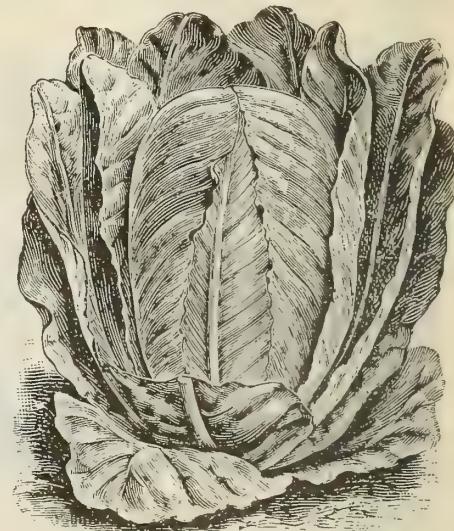
These are of distinct growth and esteemed for their fresh crispness and mild flavor during the Summer and in warm climates. When the plants do not "head" naturally during very dry weather, the tips of the leaves may be gathered together and loosely tied, which will blanch the interior.

Eclipse or "Express." This is the most dwarf and earliest of all. The plants grow stiffly erect, only six to seven inches in height and are "all-head," even when grown without tying. The outer leaves are dark green, quite broad, and distinctly rounded at the top; they are incurved and closely folded. The interior leaves are almost pure white, very crisp and mild in flavor, even in hot weather. Pkt. 5c; oz. 15c; 4 oz. 50c; lb. \$1.75.

Paris White Cos. This variety grows to very large size, producing long, pointed, compact bunches. Pkt. 5c; oz. 15c; 4 oz. 40c; lb. \$1.25.

Lettuce Plants. By mail, 60c per 100. By express, 100, 50c; 1,000, \$3.00.

Our Lettuce and Melon Seed are contract grown a year in advance of sales, from the most reliable growers in this country, and our customers can be assured of the best seed money will buy.



Cos Lettuce.

MELON.

Musk or Cantaloupe.



Rocky Ford Musk Melon.

Black Seeded Simpson. Like the Curled Simpson, this variety does not properly form a head, but it is lighter in color, the leaves nearly attaining double the size of the Curled Simpson; it is well suited for forcing and it is one of the best for market gardeners. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

Boston Market. This is an improved variety of the Tennis Ball, and attains a large size. It grows very compact; is white and crisp; one of the best varieties for forcing or outdoor growing. Try it. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

New Salamander. For Summer use, forming good sized, compact heads; color light green outside, white on inside; withstands heat. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.

Prize Head, or Early Brown Cabbage. Bronzed, curled. New sort. A half cabbage variety of bronze-edged leaves; a beauty. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

New York. A very large green Lettuce with solid heads, often weighing three to four pounds each. Not suited for forcing, but excellent for Summer use, being slow to come to seed. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

California Cream Butter Lettuce. This forms round solid heads of good size. The outer leaves are green, marked with small brown spots; the inner portion is a rich cream yellow and of a rich buttery flavor, is medium early; an excellent Summer Lettuce; slow to go to seed. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

Early Curled Silesian. A cutting variety; earliest for outdoor planting. Does not head; affords good flavored salad long before the cabbage varieties have commenced to head. Color almost golden. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

MELON.

Musk or Cantaloupe.

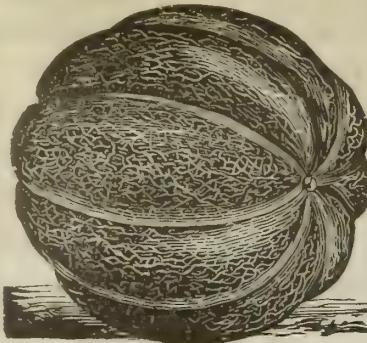
No Better Seed Grown in the Land.

One Ounce of Seed for Sixty Hills; 2 to 3 lbs. for an Acre.

CULTURE.—Select a light, sandy soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills four to six feet apart each way, six to twelve seeds to the hill. When up and all danger of insects is past, pull out all but three plants. Cultivate until the vines cover the ground, and pinch ends of the growing shoots to induce early fruiting. Ashes, lime, or even dry road dust is excellent to sift over the young plants when the dew is on to prevent the attack of insects. A few hills for early fruit may be had by sowing in hotbeds on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses.

Rocky Ford. (Green flesh.) The most popular of all Musk Melons for marketing in baskets. Fruit small, oval, slightly ribbed, densely covered with netting. Flesh thick, green, very sweet and highly flavored. This is the Melon of the West and so eagerly sought for by hotel and restaurant landlords. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

Extra Early Hackensack. (Green flesh.) This valuable variety is ready for market fully ten days ahead of the well known Hackensack, which it much resembles in shape and quality. The melons are of good size, weighing from 5 to 10 pounds each; excellent for market and private garden. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.



Extra Early Citron Nutmeg.

Extra Early Citron Nutmeg. (Green flesh.) The first in the market, the largest of the very early. A decided acquisition among the Cantaloupes. Ten days earlier than any other, fair size and of fine flavor. A variety which for its early maturity will be found profitable by all market gardeners; also in the private garden till others come into condition. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.



New Extra Early Hackensack.

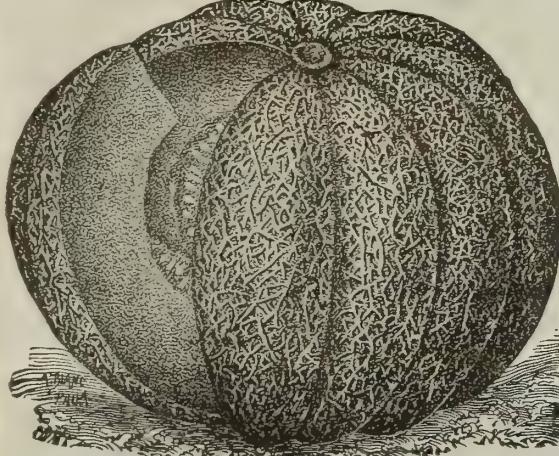
Paul Rose. (Salmon flesh.) This new Melon is a cross between Osage and Netted Gem, combining the sweetness of the former and the netting of the latter. It is a salmon fleshed, small sized Melon and surpasses all others as a shipper and long keeper. It has thick flesh and small seed cavity, and is bound to rank first as a market gardeners' favorite. Do not fail to buy some seed and give it a trial. Pkt. 5c; oz. 10c; 4 oz. 35c; lb. \$1.25.

Netted Beauty Musk Melon. (Green flesh.) This new variety of recent introduction has met with large sale. Its great earliness, distinct, handsome appearance and productiveness has made it a favorite with all who gave it a trial. The whole crop averaged the past two seasons ten melons to a vine on good ground. Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. \$1.00.

Improved Yellow Cantaloupe. (Yellow flesh.) Very fine. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. \$1.00.

Emerald Gem. (Salmon flesh.) Medium size, nearly round, flesh a delicate light salmon color, very thick, fine grained and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted; very early and one of the best for home use. Pkt. 5c; oz. 10c; 1/4 lb. 35c; lb. \$1.25.

Toledo Early Market. (Green flesh.) This fine Melon has been in our market for many years, cultivated and sold by our market gardeners of long experience, especially successful as Melon growers, in which no little skill is required, as market men well know. The seed was successfully controlled by a few gardeners, for the reason that they could market them two weeks earlier than others and at higher prices. They have sold this Melon as high as \$3.00 per dozen to our markets and commission houses. Is a type of the famous Chicago Market Musk Melon, equal to it in quality, which we hold to be of the very sweetest, and much larger and very productive. It is decidedly ribbed, extra well netted, with very thick green flesh. We managed to purchase some of the true seed of this grand Melon and offer it at a moderate price. As our supply is not large, we advise our friends to favor us with their orders at as early a date as possible. Pkt. 5c; oz. 10c; 4 oz. 35c; lb. \$1.25.



Toledo Early Market.

Baltimore Nutmeg Cantaloupe, or Acme. A Melon of high repute in Philadelphia and Baltimore. Is showy, pointed at both ends, strongly netted, green fleshed, fine flavored, productive and a good shipper. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 75c.

Miller's Cream. (Salmon flesh.) Ranks high as a market Melon, either for home or shipping. The flesh is of a rich salmon color, very sweet and melting, and so thick that the Melon is almost solid, the seed cavity being remarkably small. A strong grower and very productive, and covers the ground with beautiful solid fruit. This Melon is undoubtedly one of the best flavored and most profitable for market or private garden. Pkt. 5c; oz. 10c; 1/4 lb. 35c; lb. \$1.25.

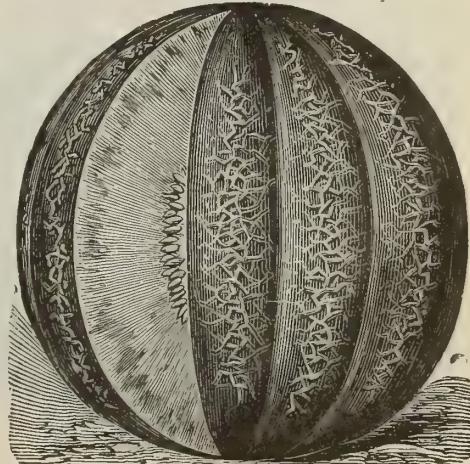
The Princess. (Salmon Flesh.) Nearly round in shape, with heavy netted dark green skin, flesh of a rich salmon color, and thicker than in any other Melon, very sweet and luscious in flavor, ripens early and grows to good size. Pkt. 5c; oz. 10c; 4 oz. 35c; lb. \$1.25.

Netted Gem. (Green flesh.) Pkt. 5c; oz. 10c; 4 oz. 35c; lb. \$1.25.

Osage. (Salmon flesh.) Pkt. 5c; oz. 10c; 4 oz. 35c; lb. \$1.25.

Musk Melon Seed in Mixed Lots of 5 pounds, 10 cents per pound less.

SLUG SHOT KILLS THE BUGS AND FLIES.



Miller's Cream.

WATER MELON.

THE BEST FRUIT THAT GROWS.

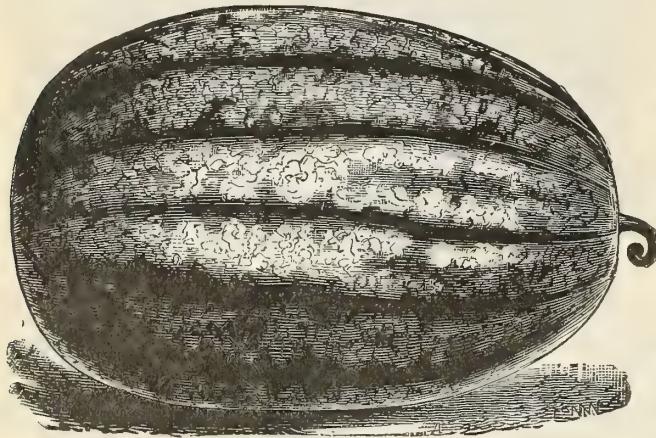
One ounce will plant about 50 hills, and 4 pounds will plant an acre.

CULTURE.—Treat the same as Musk Melon, except that they should be planted eight or ten feet apart, according to variety.

Kolb Gem. Extra Northern grown. Large, bright red flesh, of fine quality and a good shipper. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Peerless Improved. Of medium size, thin rind, light mottled green, flesh bright scarlet, solid to center, crisp, melting and sweet as honey. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Improved Ice Cream. (White Seed.) Rind light green, flesh scarlet, solid and delicious, enormously productive, of unexcelled quality. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.



Cuban Queen.

Hungarian Honey. A perfect globe-shaped Melon of medium dark green color, sweet as honey. A first-class market garden Melon; very early; flesh brilliant red. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Sweet Heart. Has no equal as a shipping Melon. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled, very light green, rind thin, but firm; flesh bright red, firm, solid, but very tender, melting and sweet. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Kleckley Sweet. (White Seeds.) A large, oblong Melon, very sweet and sugary; dark green skin, very thin rind, flesh bright scarlet with broad, solid heart. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Halbert Honey. (White Seeded.) A quick growing, oblong, dark green skinned Melon, resembling the Kleckley Sweet. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Fordhook Early. New, of late introduction; an extra early sort of large size, averaging in weight 35 pounds; excellent quality. Don't fail to try same. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Blue Gem, Iceberg or Harris. The Melons are uniformly large, of thick oval shape; skin mottled green and white; seeds black; rind very strong and therefore makes an excellent shipping Melon. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Preserving Citron. (Red Seed.) Used in making sweetmeats and preserves; flesh solid, white. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Black Diamond. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Long Light Icing. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Lots of five pounds and upwards, 10 cents per pound less.

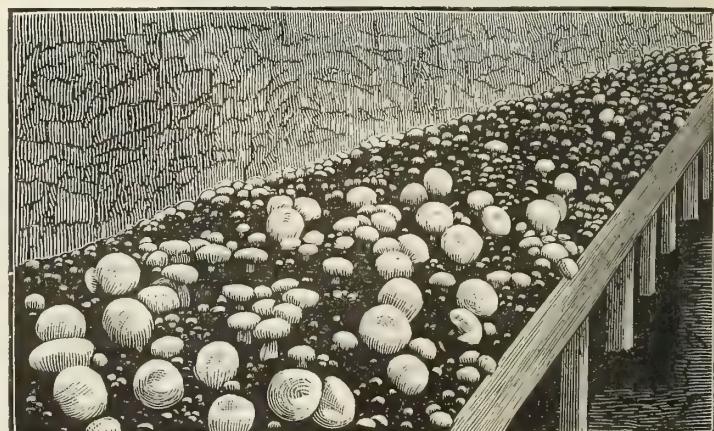
MUSHROOMS.

PURE CULTURE MUSHROOM SPAWN.

SOMETHING ENTIRELY NEW.

This Spawn is made from Virgin Spawn which is produced by scientific methods directly from carefully selected Mushrooms.

CULTURE.—Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 or 60 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this soil add 3 bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 12 or 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days, then cover the bed with two inches of fresh loam, which moisten well with hot water, and over this put four or five inches of hay or straw and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil moistened with warm water and cover with hay as before. The main conditions in Mushroom-growing are proper and uniform temperature and very rich soil. One brick of spawn is sufficient for a bed 2 by 6 feet. Single brick by mail postpaid, 40c. By express (charges not paid): 10 lbs. at 13c; 50 lbs. at 11c; 100 lbs. at 10c per lb.



MUSTARD.

Black or Brown. Pkt. 5c; lb. 20c;

White, best for culinary purposes. Pkt. 5c; lb. 30c.

OKRA OR GUMBO.

CULTURE.—Select rich soil and plant when ground becomes warm. The pods used to thicken soup, being gathered when young.

Dwarf Prolific. Of dwarf habit and an abundant bearer; with long slender green pods; the best sort in use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

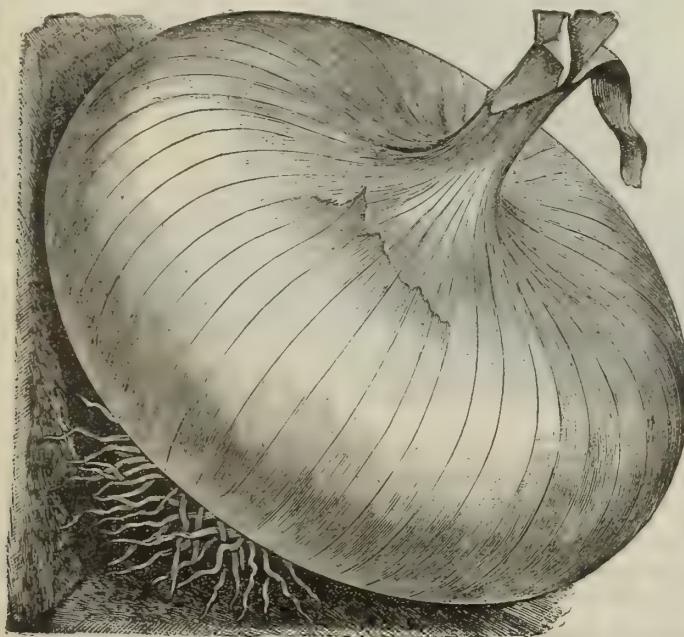
OUR PEDIGREE DOUBLE TESTED ONION SEED.

Onion Seed, a very short crop this last harvest; in fact, the shortest crop in 25 years, and prices are higher, but as low as first quality seed can be sold.

Write for special prices on 25 lbs. or over, naming the varieties you want. We offer special inducements to those wanting a Seed Drill or Cultivator, with seed enough to sow an acre. We are also headquarters for Onion Sets, and will sell you first-class sets at the very lowest prices.

Good Onion Seed is of the Utmost Importance. Fully realizing this, we have for some years made a specialty of Onion Seed, and have all our crops raised under special contract, subject to careful supervision. Our Onion Seed all grown from choice selected bulbs, are critically examined before being set out for seed. In quality it is far superior to much that is put upon the market, often grown by persons too inexperienced or too careless to select fine, well-shaped bulbs. In vitality it is very strong, being carefully tested. The very rapid increase in our Onion Seed trade, particularly among market gardeners, many of whom order one hundred and more pounds, is the very best evidence that our Onion Seed is unexcelled in quality.

CULTURE—One ounce to 100 feet of drill, four to five pounds to the acre. The Onion thrives in a rather deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. As early in the Spring as the ground is in working order commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep and a foot apart, cover with fine soil, press down with the back of a spade or light roller. If grown to make large Onions, thin plants gradually, so that they stand two or three inches apart. Keep the ground free from weeds by frequently hoeing, taking care not to stir the ground too deeply.



Mammoth Silver King Onion.

Mammoth Silver King Onion. This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference and often weighing 2½ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver white, flesh snowy-white and tender, of a mild, sweet flavor. We know of no variety of this vegetable that has attracted so much attention as this. Its large size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market as well as the home table. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Extra Early Red. Smaller than Red Wethersfield, and about ten days earlier; color, beautiful deep red. Give it a trial. Pkt. 5c; oz. 20c; 4 oz. 60c; lb. \$2.00.

Southport Early Red Globe. Grown by us from selected bulbs. This is a very handsome variety, and is deserving of general cultivation. It matures early, grows to a medium size, skin deep red; flesh fine grained, mild and tender. Pkt. 5c; oz. 20c; 4 oz. 60c; lb. \$2.00.

Early Flat Yellow Danvers. Different from the Globe strain only in shape, being more flat. A splendid Onion for the market or home use; sells readily in the market. Very productive. Pkt. 5c; oz. 15c; 4 oz. 50c; lb. \$1.50.

Yellow Dutch or Strasburg. One of the oldest varieties, a good keeper, used largely for growing sets as well as for market. Pkt. 5c; oz. 15c; 4 oz. 50c; lb. \$1.50.

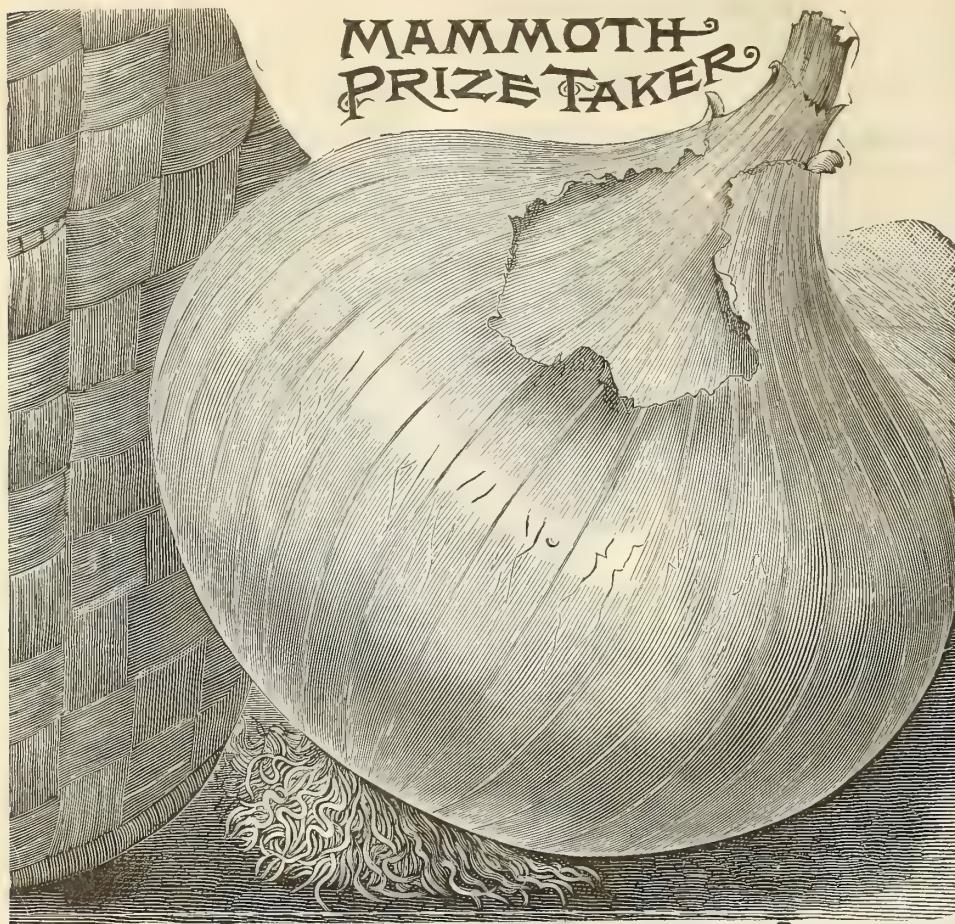
Yellow Globe Danvers. Extra selected. Extensively grown as a main crop, true globe-shaped variety, beautiful golden color, very productive, a first-rate keeper and shipper, the best and most profitable market sort. Our seed cannot fail to please. Pkt. 5c; oz. 20c; 4 oz. 60c; lb. \$2.00.

You can grow full-sized Onions the first year from our Black Seed; for this purpose four or five pounds of seed per acre are required. To raise small sets, forty to fifty pounds of seeds are required per acre, and for this purpose the best varieties are the Yellow Danvers, Yellow Strasburg, Early Red and White Silverskin.

Large Red Wethersfield. The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having been frequently harvested upon a single acre from seed sown in the spring. It grows to good size, single Onions often weighing from one to two pounds apiece. In short, it is the best Red main crop Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest onions of perfect shape and deepest color. Pkt. 5c; oz. 15c; 4 oz. 50; lb. \$1.50.



Large Red Wethersfield and Yellow Globe Danvers.



offered, not only in shape and color, but in productiveness. Its main points of excellence are: Distinct and attractive shape, handsome, bright, even color, it ripens early and all at once. The necks are very small and cure almost down to nothing. The firm solid bulbs are excellent winter keepers and all that can be desired in size and quality; enormous yielders, 900 bushels (standard weight) per acre are frequently grown on rich onion land. This

is a superb onion for all classes of soil (when well enriched) and especially good for marsh lands, on account of its quick maturing qualities. Try this big money-maker. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50.

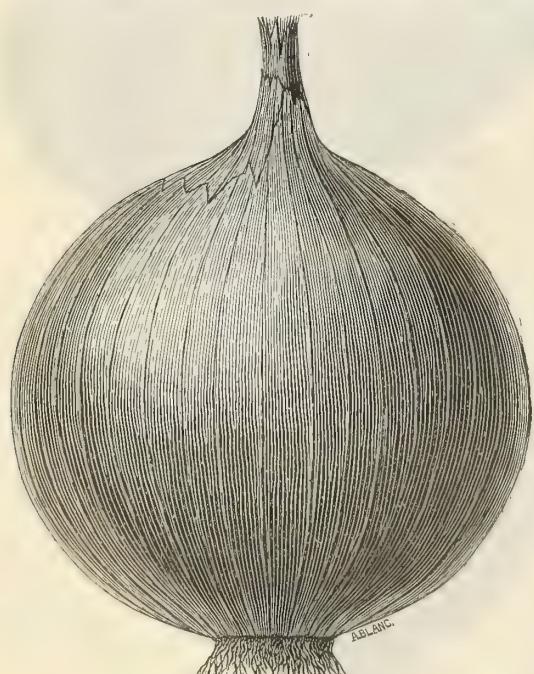
Southport Large White Globe. Large strain of globular shape, white skin, a good keeper, commands the highest market price. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50.

White Portugal or Silver Skin. Very desirable for family use, a good keeper, flavor mild and pleasant, skin silvery white, of handsome appearance, highly esteemed for pickling when young, also for market in early winter. This is the variety of which White Onion Sets are grown. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50.

If there is anything in the Seed or Implement Line that you are in want of and do not find listed in this Catalogue, write to us and we will try and get it for you.

The Prize Taker. Genuine American grown. The handsomest, largest Yellow Globe Onion. A new variety introduced a few years ago, which has proved to be an excellent keeper, of fine flavor, handsome shape and enormous size, many single Onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported onions which can be seen in fruit stores and always command a very high price. The Prize Taker grows always to a perfect globe shape, with a bright straw-colored skin; the necks are very small, and the Onions always ripen up hard. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Our Northern Ohio Yellow Globe Onion. Fancy Lake County selected stock. Generally admitted by Onion growers everywhere to be the most desirable strain and perfect type of globe-shaped Onion in existence. We name it Northern Ohio Globe to distinguish it from the many strains of Globe Danvers now offered. It represents the product of years of careful selection and cultivation, this, the finest strain of that popular type of the Yellow Globe Danvers Onion, which intelligent, painstaking care can produce. It is immeasurably superior to the average seed



Northern Ohio Yellow Globe Onion.

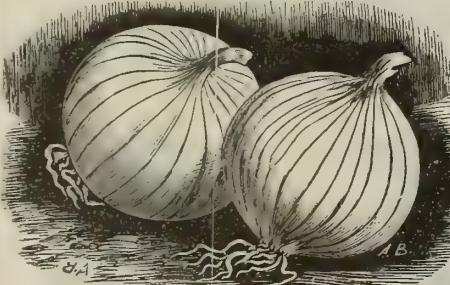


White Portugal or Silver Skin Onion

When in want of any Field or Grass Seeds write to us for our Field Seed Price List, mailed free.



Southport Large Yellow Globe.



Adriatic Barletta.

If Onion Sets are wanted to be sent by mail, 10 cents per quart or pound must be added to prepay postage.

Bottom Sets and Potato Onions are sold by measure; White Multipliers, Button and Egyptian by weight, 28 pounds for bushel.



Shallots, or Yellow Multipliers.

for market from three to four weeks ahead of other Onion Sets. See price list above.

We are headquarters for Onion Sets and will sell cheap by the peck, bushel or barrel. We will quote special prices on large lots.



White Multipliers.

Southport Large Yellow Globe. Beautiful in size, shape and color; maturing a few days later than the Red Wethersfield. This Onion is a great seller throughout the States, and Onion growers make no mistake in planting large quantities of the seed we offer, which is first-class in every respect. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50.

Early Paris Silver White. One of the earliest varieties; small, white and beautiful; valuable for an early bunch Onion, also much used as a pickling variety; popular with the Paris market men. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Adriatic Barletta. A very early, small, pure white variety, having a very delicate silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. For pickling purposes it is unexcelled. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

White Queen. Remarkable for its extreme earliness and very mild flavor; it is small and white skinned, much liked for pickling. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.



Early Paris Silver White.

NORTHERN OHIO AND PENNSYLVANIA GROWN, WHITE AND YELLOW ONION SETS.

CULTURE.—They should be planted out as early in Spring as the ground is dry enough to work. Bottom sets are produced by sowing the seed as early as the ground can be worked in Spring, very thickly in beds or drills, at the rate of 50 lbs. per acre. One quart of Sets to 30 feet in drills; 8 to 12 bushels, depending on size, to set an acre in drills. **Express or freight charges to be paid by the purchaser.** On account of the early publication of this Catalogue we cannot guarantee prices given, but to avoid unnecessary delay in writing, we will fill orders sent, and will give as many as the money sent will pay for. Prices may be lower or higher.

	Quart.	Peck.	Bush.
Yellow Onion Seed or Bottom Sets.....	\$0 15	\$0 75	\$2 50
White Onion Seeds or Bottom Sets.....	20	1 00	3 50
Shallots or Yellow Multipliers.....	15	75	2 50
White Multipliers	20	1 00	3 50
Egyptian or Perennial Tree Onion Sets.....	15	50	1 50



Onion Sets.



Winter or Egyptian Tree.

We can sell our Farmer and Gardener friends just as good Seed as any Seedsman has to offer. Please remember we are Growers and Importers. Send us your order and get Seeds true to name.

PARSLEY.

CULTURE—Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in Spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use protect in a frame or light cellar, or a few plants may be placed in pots or boxes and kept in the house for convenient use during the winter.

Extra Double Curled. A curled variety for garnishing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50.

Champion Moss Curled. Leaves crimped and curled like a bed of moss, giving a most beautiful decorative appearance. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c.

Plain or Single. Dark green with plain leaves; very hardy. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

Hamburg, or Turnip-Rooted. A very popular variety in Europe. Fine, fleshy vegetable roots which are used in soups, etc. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.



CULTURE—Sow as early in Spring as weather will admit. Cultivate similar to carrots.

Long Smooth White. No side roots; tender and excellently flavored. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 40.

Large Improved Sugar or Hollow Crown. The best variety in cultivation; roots long, white, smooth, tender, sugary; excellent flavor. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 40.

PARSNIPS.

Moss Curled Parsley.

CULTURE—Sow each kind in drills on a warm border, late in Spring or commencement of Summer, and thin to stand sixteen or eighteen inches apart—or they may be sown early in the season in a hotbed or flower-pots and transplanted.



Golden Bell.



Ruby King.



Cayenne (Long).

Mammoth Ruby King. A very mild flavored variety which grows to a large size, often 5 or 6 inches long and 3 or 4 inches thick, of a bright ruby red color when ripe—fine for Mangoes. Plants are stocky and very prolific. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75.

Golden Bell or Golden Dawn. Similar to Sweet Spanish, except in color, which is golden. Very early, mild flavor. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

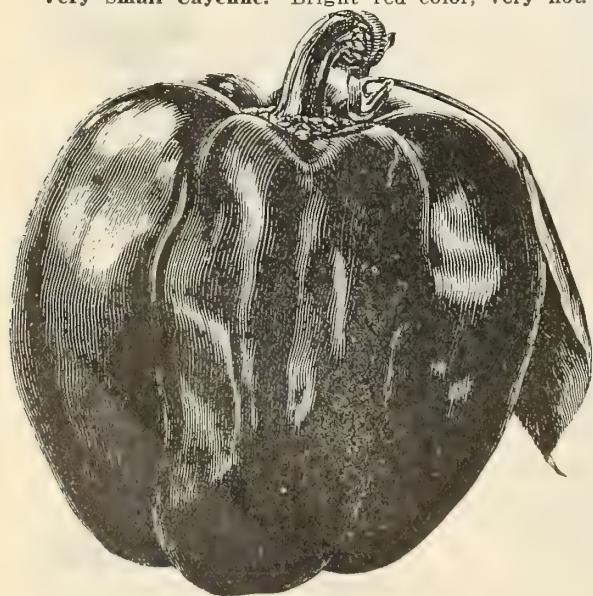
Red Cherry. Ornamental pickles, very small, very hot. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

Large Bell or Bull Nose. Earlier than other large size Peppers, thick meated, very mild flavor, excellent for stuffed pickles or Mangoes. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 75c.

Sweet Mountain or Mammoth. Similar to the Bull Nose, but larger and milder in flavor. For stuffed pickles, "Mangoes," 6 to 7 inches. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 75.

Long Red Cayenne. Fruit long, slim and bright red color. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.

Very Small Cayenne. Bright red color, very hot. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c.



Chinese Giant.

Chinese Giant—Double the Size of Ruby King.—This is the largest and finest mild red pepper. Truckers planting for market will find "Chinese Giant" the most profitable variety they ever handled. Not only is it early in ripening and immensely productive for so large a pepper, but its enormous size will cause it to sell most readily. The plants are vigorous in growth, but of stocky habit, seldom more than two feet in height. They are well branched and thickly set with enormous fruits, which appear to hang in clusters,—so many being set on the comparatively small plants. Frequently half a dozen fruits will touch each other, as if in a single bunch; the strong growth of the plants and abundant foliage enable them to mature the large number of fruits nearly as early as the popular Ruby King. The monstrous fruits are of thick blocky form and of most brilliant glossy scarlet. They grow four to five inches broad at the top and are of equal length, divided into four or more large ridges; when ripe they are indented at the blossom end. The first fruits set in a cluster of three to five at the base of the plant, and are generally longer than those setting later on the upper branches, although the latter fruits are equally as broad. All are uniformly of most enormous size. The flesh is extremely mild,—as sweet as an apple,—and unusually thick; it makes an excellent salad sliced and served like tomatoes. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; 4 oz. \$1.50.

Pepper Plants. Ready May 1st. Chinese Giant, by mail, \$1.50 per 100; by express, 100, \$1.25; 1,000, \$5.00. Other varieties, by mail, 75c per 100; by express, 100, 75c; 1,000, \$4.00.

PEAS.—GARDEN, FIELD AND EDIBLE, PODDED.

PHILIPPS' NORTHERN GROWN GARDEN PEAS.

The Pea Crop, a short one this year as the continual rains during the growing season and at harvest time greatly damaged the crop, especially all wrinkled and dwarf varieties.

One Pint to 60 feet of drill; two bushels per acre.

CULTURE.—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam or a soil strongly inclined to clay is the best; for early crops, mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about two or three inches deep. Sow three feet apart for early kinds and four feet for late. For a continuous supply, sow from early in April until the last of June; then discontinue until the middle of August, when an early sort will sometimes produce a good crop.



Philipps' Extra Early Summit Pea.

✓ **Extra Early Alaska.** This beautiful blue market Pea has become a standard variety, and the earliest of all blue Peas. The vines are dwarf, growing only about twenty inches high—very uniform, maturing the crop for one picking—of excellently quality, fine flavor, sweet, and retains its desirable color after cooking. Excellent for canning, and for the market or private garden. Pkt. 5c; pint 10c; quart 15c; peck \$1.15; bushel \$4.50.

✓ **Landreth's Extra Early Pea.** (None genuine unless in red-sealed bags or in our packages.) Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50; bushel \$5.00.

✓ **Rural New Yorker.** This well-known standard variety of extra early Pea is still the favorite of many for market and private garden. Seed white, slightly dented, of vigorous habit. Pods of fine shape, contain from six to nine peas of fine quality—prolific, extra early, uniform in growth and ripening—height 24 inches. Pkt. 5c; pint 15c; quart 20c; peck \$1.25; bushel \$4.50.

✓ **Nott's Excelsior.** Extra early. A cross between American Wonder and Advancer; grows one foot high, very hardy and vigorous; can be planted with perfect safety in early Spring with any smooth varieties, and will mature almost as soon while the quality is far superior; pods very large and well filled with tender and fine flavored peas. Early, hardy, productive, extra fine; ready for table in forty-five days. Earlier by several days than Little Gem—a fine bearer—earliest wrinkled Pea. Pkt. 5c; pint 15c; quart 25c; peck \$1.75; bushel \$6.50.

✓ **Bliss' American Wonder.** The earliest of the wrinkled peas, and best for family use. Very dwarf, nine inches high, and remarkably productive, well filled pods, flavor unsurpassed. We heartily recommend this valuable Pea. Pkt. 5c; pint 15c; quart 25c; peck \$1.75; bushel \$6.50.

✓ **McLean's Little Gem.** Seed green, wrinkled. Height 15 inches. Second early. Very prolific and excellent flavor. Especially recommended for family garden. Pkt. 5c; pint 15c; quart 25c; peck \$1.75; bushel \$6.00.

✓ **Carter's Extra Early Premium Gem.** Pods long and of a dark green color. A type of and improvement on the Little Gem. Very early and productive. Height 15 inches. Highly recommended. Try it. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75; bushel \$6.00.

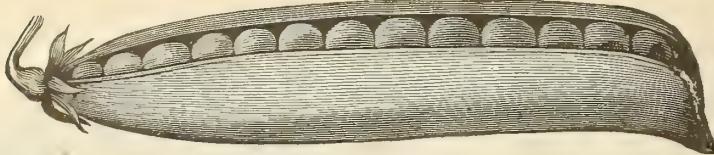
✓ **Philipps' Extra Early Summit Pea.** The earliest, evenest cropper, the hardest, finest flavored and most productive; also most profitable Pea for Market Gardeners to grow. This Extra Early Summit Pea is a careful selection of our own and will be found Entirely Distinct and Superior to any other. In the neck-and-neck race for the production of first-class Peas (each seedsman naturally endeavoring to have the earliest), we claim that "The Summit" we introduced, and for us specially grown, is the Earliest, Best and Most Productive white round pea grown, None as Early, maturing all the pods in about forty-five days; height about two feet, and ninety-five per cent. of the gathering in one picking. Also for a late fall crop it is unsurpassed, growing with great rapidity. The very best for market garden use, and we confidently recommend it in every garden for the Earliest Crop. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50; bushel \$5.50.



Carter's Extra Early Premium Gem.

✓ **Gradus.** The most attractive novelty of recent years—large, handsome pods, resembling Telephone in size and shape, well filled with large peas, ripening with the earliest, is certain to be eagerly sought. Ripening very quickly, the pods must be picked as soon as fit for the table. Habit vigorous, very quick to germinate and push to maturity—foliage large, pale green in color—pods long, straight, slightly rounded at point, seed large, wrinkled, cream color, height 3 feet. Pkt. 5c; pint 20c; quart 35c; peck \$2.75; bushel \$10.00.

✓ **Champion of England.** A variety possessing merit of high order, wrinkled and very sugary—requires sticking. Ripens for table in seventy days from germination. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.10; bushel \$4.00.



Pride of the Market.

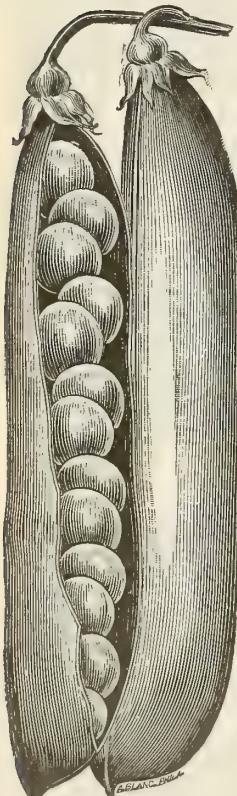
✓ **Horsford's Market Garden.**—A first-class wrinkled pea; second early. Height, 24 inches; no sticks. It is a profitable sort for market gardeners, as a single plant has been known to produce more than 150 pods. It is equally good for the home table. The medium sized pods are borne in pairs, and are easily and quickly picked. This variety is said to have yielded more shelled peas to the acre than any other American sort. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25.

✓ **Thos. Laxton.**—The only rival to the famous **Gradus**,—as a long-podded extreme-early wrinkled pea,—and in some respects even better. The growth is identical with that of **Gradus**, but the pods are deeper, richer green, square at the end instead of having a long sloping point. In the judgment of experts who have grown the two side by side, the **Thos. Laxton** is even sweeter and finer in flavor than the **Gradus**, while as the larger peas are of a deeper green they present a more attractive appearance on the table. The crop ripens only three to four days after **Gradus**. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 20c; quart 35c; peck \$2.75.

✓ **Bliss' Ever Bearing.** The great value of this variety is found in its long-continued bearing. Pods three to four inches long, well filled. Peas very large, half an inch and over in diameter. Unsurpassed in sweetness and flavor. Two feet high. Try it. $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.25; bushel \$4.50.

✓ **Stratagem.** (Wrinkled.) One of the finest second early Peas grown. The strong, sturdy vine is literally covered with immense pods. Many of the pods measure nearly $5\frac{1}{2}$ inches in length, and contain as high as ten large, fine flavored wrinkled peas of excellent flavor, very sweet. Two feet high. Pkt. 5c; pint 15c; quart 25c; peck \$1.75; bu. \$6.00.

The Wrinkled Peas should be sown thicker than the Round Peas and not until the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.



Thos. Laxton.

✓ **The Heroine.** This is one of the mammoth-podded, English-bred varieties, of elegant habit of growth, luxuriant foliage, pods remarkably handsome, slightly curved, well filled with large, luscious peas of fine flavor, a gem of the first water. It is similar to **Pride of the Market**, but far superior to that variety in habit, as it is remarkably true and fixed in its habits of growth. This is one of the grandest Peas on the entire list, is now offered at a price that places it within the reach of all. It should be in every garden. Height two feet, seed green and very much wrinkled. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.50; bu. \$5.00.

✓ **Carter's Telephone.** Season midway between First in Market and Marrowfat. Green, wrinkled, height $3\frac{1}{2}$ feet—enormously productive—pods unusually large, elegant shape and well filled with peas of large size and good quality. Average 18 pods to the stalk. Pkt. 5c; $\frac{1}{2}$ pint 15c; quart 25c; peck \$1.50; bu. \$6.00.

✓ **Dwarf White Marrowfat.** A sturdy variety, prolific and of good quality—vines 30 inches high, foliage strong and dark, maturing about 70 days after germination. Pkt. 5c; pint 10c; quart 15c; peck 75c; bushel \$3.00.

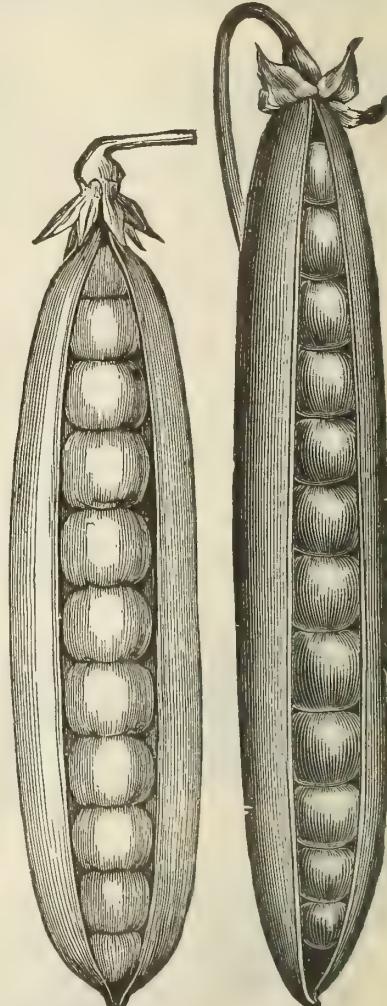
✓ **Black-Eyed Marrowfat.** This is extensively grown as a garden and field Pea—very productive—height about $3\frac{1}{2}$ feet with large and well filled pods—a popular market variety. Pkt. 5c; pint 10c; quart 15c; peck 75c; bu. \$3.00.

✓ **White Marrowfat.** Tall. A favorite variety for market, canning and field cultivation—very large, broad pods, well filled, height four feet. Pkt. 5c; pint 10c; quart 15c; peck 75c; bu. \$3.00.

EDIBLE PODDED OR MELTING SUGAR SORTS.

✓ **Tall and Dwarf Sugar.** Edible pods. About two feet in height, very sweet and tender. Only to be eaten with pods. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.

✓ **Dwarf Grey Sugar.** Edible pods. Grows about two feet high and is remarkable for its earliness as well as its character. The seeds are large, shriveled and of dark brown color. The pods are broad, flat and crooked, and contain five or six peas. Pkt. 5c; $\frac{1}{2}$ pint 10c; pint 15c; quart 25c; peck \$1.75.



The Heroine.

Telephone.

FIELD PEAS.

See Field Seed Department of this Catalogue.

PRICE LIST OF CHOICE NORTHERN-GROWN SEED POTATOES.

CHANGE YOUR SEED.

Growing Potatoes for Seed Has Been a Specialty with Us for Years.

In drills three feet apart, ten to twelve bushels to the acre. One peck will plant about 125 hills.

The Potato, like all robust growing vegetables, can be grown with varying success in soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. In breaking up good pasture land the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry and absorbent nature, as plaster, lime, superphosphate of lime and bone dust. For wet soils these are particularly beneficial, as they not only promote growth, but prevent disease. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges three feet apart, covering in light, warm soils about four inches deep, but in cold, wet situations two and one-half or three inches will be sufficient.



Toledo Early Market.

packed; after that our responsibility ceases. Purchasers must take all risks from freezing or heating. In comparing our prices on Potatoes, remember we make no charges for barrels or cartage, but deliver F. O. B. Toledo at prices quoted. Our barrels contain 165 lbs. net.

Potatoes a short crop, therefore prices higher for good seed stock.

PRICES GIVEN ARE SUBJECT TO VARIATIONS WITHOUT NOTICE.

	½ Peck.	Peck.	Bushel.	Bbl.
Early Toledo Market.....	\$0 20	\$0 40	\$1 50	\$4 00
Extra Early Six Weeks.....	20	40	1 50	4 00
Thorburn's "Noroton Beauty" (1 lb. 85c; 2 lbs. \$1.50, postpaid)	75	1 50	5 00	12 00
Early Beauty of Hebron (a beauty).....	20	40	1 25	3 50
Early Maine.....	20	40	1 25	3 50
Whitton's White Mammoth.....	25	40	1 50	3 75
Early Ohio (pure).....	20	40	1 50	3 75
Early Rose (medium early).....	20	40	1 25	3 50
Seneca Beauty (medium late).....	20	40	1 25	3 50
Empire State (late).....	20	40	1 25	3 50
Sir Walter Raleigh.....	20	40	1 25	3 50
Rural New Yorker, No. 2 (a very heavy cropper).....	20	40	1 25	3 50
Carman, No. 3.....	20	40	1 25	3 50

Single pound 10c; by mail 20c; or 4 pounds by mail 60c, of any of the above varieties, excepting Noroton Beauty.

These prices are binding only so long as our stock of any variety remains unsold. Potatoes grown in our section and Northern Michigan are far better for planting in the Middle, Southern and even Eastern States than the Western grown, in earliness, yield and quality, and should be preferred by all who grow for market or private garden.

Toledo Early Market. Especially recommended for early marketing. Market Gardeners should try this Potato because it is extra early and of a fine quality, cooking well as soon as it attains marketable size. Tubers similar to Early Rose, large, light, pink or flesh color. An immense yielder, flesh very white; cooks dry and mealy. Good keeper, being excellent till planting time. (See price list.)

Thorburn's "Noroton Beauty." One of the earliest Potatoes grown. Tubers white, slightly rusted, and splashed more or less with pink and with pinkish eyes. About the size of the early Ohios, but perfectly round. A great yielder, and should be tried by all our customers. (See price list.)

Early Rose. Every cultivator of the Potato, both far and near, is familiar with the Early Rose. It was the pioneer of all the improved varieties. Its highly extolled character has not depreciated. (See price list.)

Empire State. A main crop of oblong variety, wonderfully productive, does well on almost any soil. The skin is white and smooth, flesh pure white, of fine flavor. (See price list.)

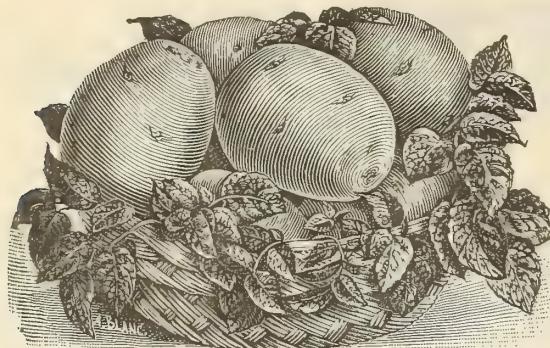
Seneca Beauty. This is the best medium late Potato now on the market. The tubers are large and smooth with very few eyes close to the surface and of a beautiful pink color; uniform in size and shape. Is a big yielder, good cooker, ready seller. Where once tried will be wanted next season. (See price list.)

Carman No. 3. This splendid Potato is without any approach to an exception, the greatest yielder ever introduced. It may be fairly claimed that it does not yield any small tubers at all. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is of the largest size and of the shapiest form, almost similar to Carmen No. 1. It is a perfect keeper, that is, it will not sprout up to planting time, unless kept in a warm place. Both skin and flesh are of extreme whiteness. Eyes few and shallow. (See price list.)

By using our Northern-grown Seed you are assured of early maturity, increased yield and vigorous growth. Our stock has been grown from selected seed and expressly for seed purposes. We book orders at any time, and fill them in rotation just as soon, in our judgment, as the weather will permit. However, we cannot become responsible for changes in the weather by which they may become damaged en route. We will ship at any time when requested to do so, regardless of the weather, but customers must take the risk. Prices subject to variations of the market.

Special Prices given on most kinds for large quantities, on application. When customers request it we will pack a barrel with two or three kinds without extra charge.

Our Potatoes are all specially raised for seed purposes, and are "Northern-grown" by us and for us in Michigan and around Toledo. We deliver all Potatoes into the hands of transportation companies, safely



Early Ohio.

Whiton's White Mammoth. A Seedling of the Peachblow. Try it. A larger yielder than the Carmen. Buy it. Three years ago we purchased the entire crop of this great New Potato of Mr. Whiton, and now offer original stock direct from our growers at the extremely low price as named on page 27.

This potato was grown from seed taken out of a ball grown on a Peachblow vine.

This potato has improved each year from seed, and we can refer to many leading agriculturists who have tried it and pronounce it a grand Potato in every way.

Solid built white tubers very thickly netted, a quick, strong grower, and keeps free from blight and bugs.

Cooks dry and has a fine flavor. Is an immense yielder, grows compact in hill, which makes harvesting easy. We recommend every one of our customers to try this Potato, and know they will be pleased with it. Can be grown on any soil. (See price list.)

Rural New Yorker No. 2. A splendid intermediate and main crop Potato, originated on the experiment grounds of the Rural New Yorker. It is most distinct in appearance and could readily be distinguished among a hundred other varieties. Very large and unusually smooth, with few and shallow eyes, in form oblong, inclined to round, flesh white and of superior quality. The vines are very strong, and yield handsome tubers of great uniformity; wonderful cropper. (See price list.)

Sir Walter Raleigh. Introduced by Mr. Carmen. Resembles Rural New Yorker, No. 2, of which it is a seedling, and is one of the grandest general crop Potatoes now offered. (See price list.)



SEED SWEET POTATOES.

Grown especially for Seed purposes in this State and New Jersey, of the following varieties: Yellow Nansemond, Yellow Jersey. Per lb. 10c; bushel \$2.00; barrel \$4.00. Write for special prices for large quantities.

Sweet Potato Plants. Ready May 1st. We make a specialty of supplying first-class Sweet Potato Plants, and we take great pains to send out only such as are strong, vigorous, well rooted and hardy. Write if you want a large lot, as prices may be lower. Price, by mail, 100, 45c; by express, per 100, 30c; 1,000, \$2.50.

PUMPKIN FOR TABLE AND FIELD.

CULTURE.—May be planted after first of May, among the Indian Corn, or in the field or garden, in hills of eight or ten feet apart each way, four seeds in a hill.

Large Sweet Cheese. Excellent for cooking purposes, orange colored, flesh yellow and sweet, very productive, and excellent for pies, also stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Large Tours or Mammoth. Grows to an immense size, often weighing over 200 pounds; very productive; for cattle and table; flesh bright yellow. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Cushaw. Resembling the White Crookneck-Squash, flesh salmon yellow. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

Connecticut Field. The common large yellow field Pumpkin, good for stock. Pint. 15c; quart 25c; bushel \$4.00.

Sugar. This great pie Pumpkin is used exclusively in making the celebrated Yankee Pumpkin pies, of fine, sugary flavor, fine grained. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c.

RADISH.

AMERICAN AND FRENCH GROWN RADISHES FOR ALL THE YEAR ROUND.

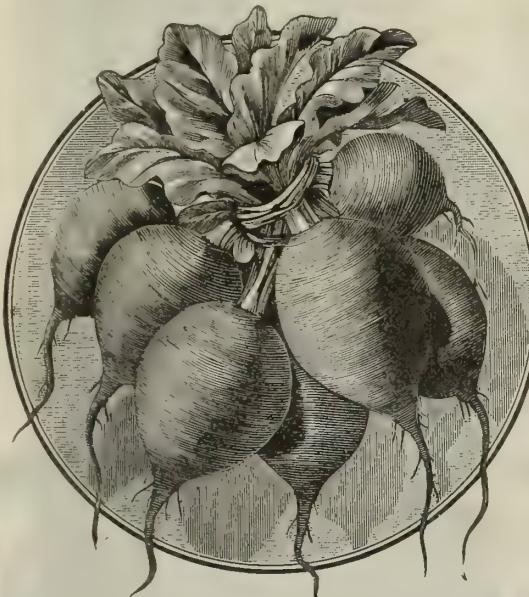
One ounce will sow 100 feet of drills; 8 to 10 pounds for an acre.

CULTURE.—All the varieties thrive best in light, sandy loam. For early use sow in hotbed, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp and tender.

All Seeds Saved from Selected and Transplanted Roots.

Special prices for those buying in larger lots. Five pounds of any variety at 10c less per pound.

EXTRA EARLY AND FORCING VARIETIES.



Extra Early Deep Scarlet Prussian Globe Radish.

Market Gardeners' Early Long Scarlet Short Top. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c. Brightest Scarlet. The well-known Long Red market variety.

"Cincinnati Market" Radish. (The Best Long Red Radish in cultivation.) This wonderful new Radish has won special favor in all sections of the country, and sells more readily than any other variety that is put in competition with it on the market. The tops are very small, and the radishes may stand much closer in the rows than Wood's Early Frame and Long Scarlet without danger of running up to seed. They grow straight and smooth and from six to seven inches in length, the flesh is exceedingly tender, crisp and delicious, never becoming hollow and pithy, the skin is very thin and has an attractive, glossy, scarlet appearance. This is undoubtedly the finest Long Red Radish for every purpose, being equally desirable for the market or home garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Early White Giant Stuttgart Summer. (Round.) A large grower, top-shaped and long keeper; all white, smooth, brittle, never pithy, second early. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Livingston's Pearl Forcing. A cross between Wood's Early Frame and White Strasburg, making the best half long White Radish for Market Gardeners. Try it. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

White Lady Finger. Twenty-four days to maturity; quick growing, long, slim, white, a great favorite, the only good long early white radish, very crisp and nutty. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Golden Yellow Summer. Expressly grown for us. The best Summer Radish. Shape globular, color amber, flavor mild, keeping long in eating condition; notwithstanding heat well. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Long White Vienna. Beautiful in shape; skin and flesh pure snow white, crisp and of rapid growth. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Early Golden Yellow Oval. A comparatively new sort, very popular in the New York market. The roots are oval, very smooth and handsome, bright, light yellow color, and of fine quality. It matures very quickly and has a small top and neck. Our stock is grown from selected roots and is very fine. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

White Strasburg. It is of a tapering shape, skin and flesh both white. It is an excellent Summer variety, being tender, crisp and of fine flavor, and a quick grower. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Improved Chartier. (Scarlet, white tip.) A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet rose, shading into pure waxy white at the tip. Attains a very large size before it becomes unfit for the table. Undoubtedly the best All Seasons Radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good Winter keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Extra Early Scarlet Prussian or Vick's Globe. Eighteen days to maturity. A small-leaved variety well adapted for forcing under glass, root round and carmine colored, early, very attractive and desirable, fine for forcing. A new color and very choice. Every gardener should have it. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Early Scarlet Forcing Turnip. Quickest in maturity of any of the Red Turnip Radishes, crisp root and small top, an excellent forcing variety, as well as in private garden. Don't fail to try it. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 55c.

Extra Early Scarlet Turnip, White Tipped. A fancy French variety, scarlet bulb with white bottom. Very showy and delicate. Choice variety for forcing and open ground. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Earliest White Turnip. A remarkable early sort for forcing, very few and small leaves, crisp and delicate bulbs (new). Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

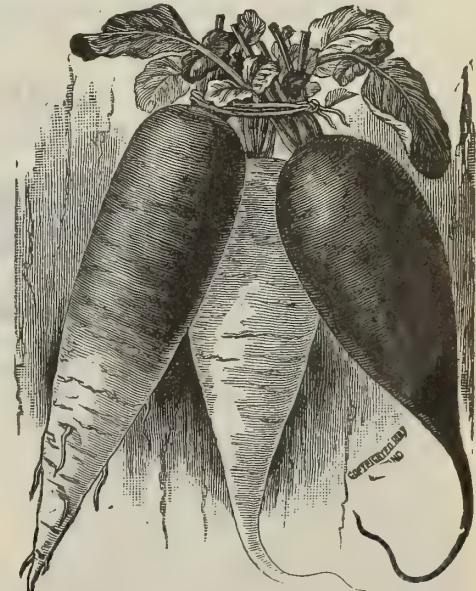
Olive-Shaped Scarlet White-Tipped French Breakfast Radish. A variety of quick growth. Very mild and tender, one of the best for forcing, oval form, scarlet, tipped with white. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Half Long Deep Scarlet. Matures in 24 days, is red, and grows from three to four inches. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

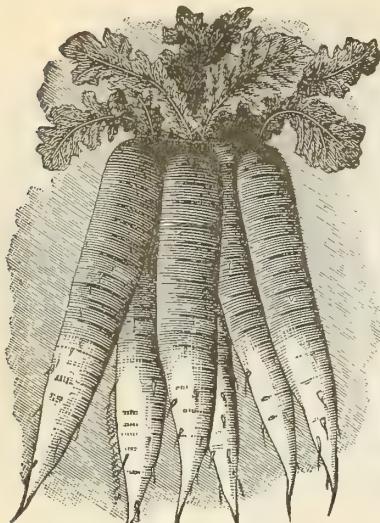
Wood's Early Frame. Shorter and thicker than the Long Scarlet Short Top. Best long Radish for forcing, also good for outdoor crop, either Spring or Fall, mild, brittle, of fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



Early Scarlet White-Tipped Radish.

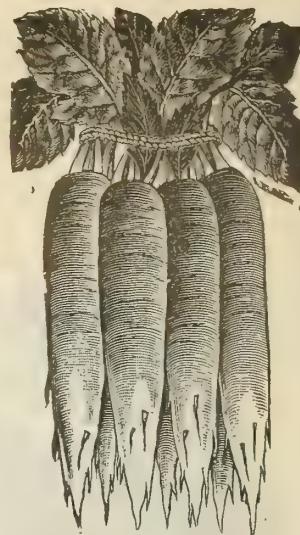


The Chartier, White Strasburg and Half Long Deep Scarlet.



Market Gardeners' Early Long Scarlet.

Radishes are one of the most important vegetable crops for market gardeners and private garden. It depends a good deal upon the Seeds and soil and how to grow them. As to the first part, we positively assure our friends that the Seed we offer is grown for us by the largest and the most reliable and best growers in France and this country, and we know and guarantee that our Seed is equal to any offered by any first-class, reliable seedsmen.



Improved Charlier.

Celestial. A comparatively new variety, which is popular wherever known. The root is long, cylindrical, with beautiful white skin and flesh, so white as to attract attention even when among the other white varieties. The flesh is tender and of good quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

Long White Spanish. Fall or Winter. A long Winter sort, very solid and crisp; long keeping. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Long Black Spanish. Winter. Grows six to eight inches long and about one and one-half inches through the top; skin black, flesh white and of firm texture. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Round Black Spanish. Winter. Like the above, except in shape. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Russian or California Mammoth White. Grown extensively by Chinese in California; 8 to 10 inches long, 2 to 3 inches in diameter, white, solid, good flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

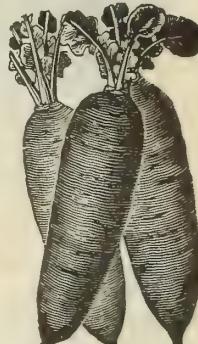
Rose or Scarlet China Winter. A fine Winter sort, root a half long stump of from three to four inches, scarlet and pink in color, tipped with white. Quite salable in market during Fall and Winter. Keeps perfectly. Paper 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



Black Spanish.

CULTURE.—Plant at any time during Spring, in rows about two feet apart and about eighteen inches apart in the rows. By mail, per doz., 25c; By express, per 100, 75c; per 1,000, \$6.00.

HORSERADISH SETS.



Rose or Scarlet China Winter.

One ounce will produce about 1,000 plants.

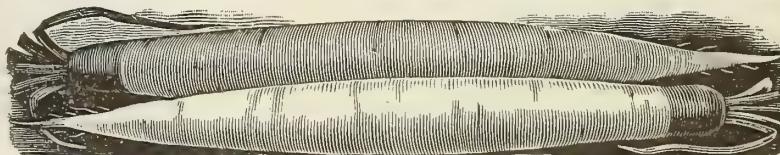
CULTURE.—Sow in April in drills one inch deep and one foot apart. When the plants are three or four inches high thin out to ten inches apart, and cultivate well during the season. In Fall or following Spring transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every Fall.

Mammoth Victoria. An excellent cooking variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Rhubarb Roots. Each, 20c; doz. \$1.50; 100, \$6.00. By mail, postpaid, 30c each or \$2.50 per dozen. Special prices on sizes, quality and quantities on application.

SALSIFY (VEGETABLE OYSTERS).

When properly cooked it is a good substitute for Oysters in taste and flavor, and is very nutritious.



Sandwich Island Mammoth Salsify.

CULTURE.—Sow early in Spring in drills fifteen inches apart and one to two inches deep; thin to six inches apart. Soil should be deep and very mellow, in order that the long root may grow straight down. Store same as Carrots for Winter use, or they can be left in the ground until Spring. One ounce of seed will sow fifty feet of drill.

Mammoth Sandwich Island. This variety is of enormous size, twice the size of the ordinary French, pure white, very tender and delicious. Invaluable for the market gardener and private garden. Pkt. 5c; oz. 10c; 4 oz. 35c; lb. \$1.25.

SORREL.

This is cultivated for its leaves, which possess a very fine flavor when boiled and served like Spinach. Also makes delicious soups.

Broad Leaved. The best for general use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

SPINACH.

Ten to twelve pounds are required for an acre.

Special Price in 5 and 10 pound Lots.

CULTURE.—For Spring use sow early in drills one foot apart, or broadcast as preferred, and every two weeks for succession. As it grows thin out for use, keeping it clear of weeds. For Fall use sow in August, for Winter use in September, in well manured ground. Mulch with straw on the approach of severe cold weather.



Extra Large Thick Round-Leaved Spinach.

Extra Large Thick Round-Leaved. The market gardeners' favorite for Spring or Fall sowing. Very hardy and large cropper. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 25c.

New Long-Standing. Will stand an unusually long time before running to seed—in other respects it resembles the round-leaved closely. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 25c.

Victoria. (New.) A favorite with market gardeners. Broad dark green leaves, heavy foliage, tender and keeps in good condition the longest of all Spinach. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 30c.

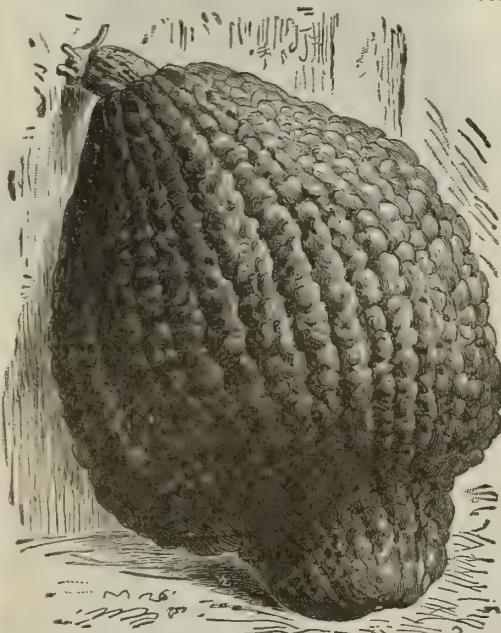
Curled-Leaved Savoy. (Norfolk Bloomsdale.) The earliest variety, upright growth; fine, large, tender savoy leaves. Quick growth. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 25c.

Bloomdale Savoy-Leaved. In 5 and 10 lb. sacks only, 25c per lb.

Prickly Winter. For Fall sowing. Pkt. 5c; 2 oz. 10c; 4 oz. 15c; lb. 30c.



New Long-Standing Spinach.



Toledo Warted Hubbard Squash.

CULTURE.—Plant after all danger from frost is past, and get in the Winter kinds as soon as possible, in order that they may mature. Plant in hills five feet apart for the bush varieties, and six or eight feet for the running varieties, putting six or eight seeds in the hill, finally leaving but three. One ounce of bush varieties for forty hills, or of large seeded running kinds, fifteen hills; three or four pounds for an acre.

True Hubbard. Generally considered the leading Squash for Fall and Winter use—good in any climate, hard skinned, splendid keeper—flesh dark yellow, fine grained, very dry and rich; very prolific. We offer a very carefully grown stock. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Toledo Warted Hubbard Squash. For years it has been our aim to get an improved strain of Hubbard Squash. We finally succeeded, and now offer to our friends the Toledo Warted Squash (similar to the so-called Chicago), which we claim is the best strain in the market. A Hubbard Squash, large, blackish green, hard as wood, with warty knots all over it, satisfies even the inexperienced observer that it is the best of its class. Rich in quality, a keeper and thick fleshed—such as will sell at sight. Our strain of the above will produce mainly the type shown in the accompanying cut, which we consider the ideal Hubbard for home or market. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 75c.

Mammoth White Bush Scallop. An excellent large strain, earlier than the common stock, creamy white and average double in size; prolific bearer; a splendid variety for market, and the best of all for southern shippers. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

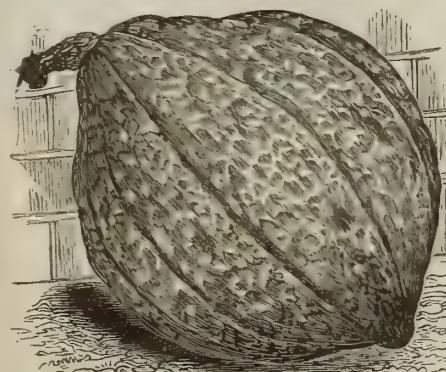
Extra Large Golden Custard Bush Scallop. Decidedly the best strain. It has been selected and grown for years until it has doubled in size, and at the same time lost none of its other good points, such as earliness, quality and productiveness. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 75c.

Giant Summer Crookneck. Double the size of the ordinary Crookneck and very warty, but similar in other respects. Their handsome appearance commands an extra price in the market. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 75c.

Fordhook. A most excellent new Squash, of handsome appearance, yellow outside and straw color within. The flesh is as dry as Pike's Peak and of most delicious flavor. It ripens early and is one of the best keepers we know of; it can be kept all through the Winter until June. It is very prolific and bug and borer proof. We can highly recommend it to our customers. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 75c.

Marblehead. An excellent Winter Squash. Good keeper, dry and sweet. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

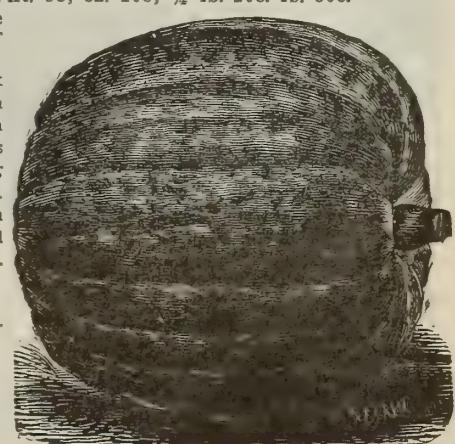
Boston Marrow. Extensively grown and most profitable for Winter use and canning. Flesh orange, fine grained, splendid for pies and as a Winter keeper. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c; 5 lbs. and over, 40c per lb.



Boston Marrow Squash.

Mammoth Chili. True stock ("Jumbo"). The "big" exhibition Squash, the largest of all, often weighing over 200 lbs. There is a record of one Squash having been grown that weighed 292 lbs. The flesh is very thick and a rich yellow color, skin smooth and bright orange color. Pkt. 5c; oz. 10c; 4 oz. 30c; lb. 80c.

Golden Hubbard. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 75c.



FOR BUGS AND FLIES USE
SLUG SHOT.

Mammoth Chili Squash.

TOMATO SEED.

NORTHERN GROWN SELECTED.

One ounce will safely produce about 1,500 plants.

CULTURE.—For early use sow in February, in boxes or pots, and place near a window or in a hotbed. When about two inches high pick them out singly in small pots and nurse carefully in frames; when danger of frost is past, plant out in sheltered situation, where they may have full influence of the sun. To hasten maturity of the first fruit which sets, pinch off extremities of the tops.

Sparks' Earliana. The earliest smooth, bright red Tomato of good size and flavor that can be had. It is the early Tomatoes that our market gardeners bring to the city that make the most money, oftentimes selling from \$2.50 to \$3.00 per bushel wholesale. We consider this the finest flavored Tomato that grows. The plants are quite hardy, the fruit deep scarlet in color, smooth and solid and free from ribs or cracks. The flesh is deep red, with solid center and small seed cells. Give it a trial. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

June Pink Tomato. A new money maker just introduced. This Tomato is as early as the Sparks' Earliana, but the fruit is Pink instead of red in color, and about two weeks ahead of Chalk's Early Jewel. Try it. Sold only in packets. 1 Pkt. 40c; 3 Pkts. 50c; 7 Pkts. \$1.00.

Perfection. It is one of the earliest, ripening evenly, a good keeper, color blood red, almost round in shape, perfectly smooth and solid, having few seeds; very productive, good shipper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Dwarf Aristocrat. An early dwarf Tomato; medium size, bright red fruit. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

New Dwarf Champion. In form and color the fruit closely resembles the Acme; it is always smooth, symmetrical and attractive in appearance, the skin is tough and the flesh solid, ripens well close round to the stem, and is not so much subject to crack as some other sorts. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

Selected Early Acme. Ripens evenly, of medium, uniform size, round, very solid and of a pink purplish color; very productive, bearing until killed by frost. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Favorite. A large, smooth, perfectly shaped Tomato, of a dark red color; does not rot or crack, ripens early, very prolific, good flavor, flesh solid, has few seeds, very early, good shipper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

New Beauty. Well named. Fruit large and showy, color deep red, with a slight tone of purple; growing in clusters. Solid, meaty, smooth, and free from rot or green core; a good sort for shipping on account of its solidity and toughness of skin. Certain to give satisfaction. Keeps well. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

New Peach. The most distinct Tomato ever introduced; the fruit resembles the Peach in shape and color—which is deep rose and amber; the flavor is remarkably fruity and delicious. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

Golden Queen. Specially recommended for canning, for eating raw, or slicing as a table fruit; somewhat resembles the Trophy in appearance. It will please you. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

Royal Red. Royal Red is a first-class main crop variety for the shipper, market and private gardener; of special value to the canner and catsup maker. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

New Buckeye State Tomato. A fine, new, extra large sort, nearly one-half larger than the Beauty; deep color, heavy and of splendid quality. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.

Yellow Plum or Pear. A small yellow variety used for pickling. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Ponderosa. In growing we have found it of immense size, solid, almost seedless, and of good sub-acid flavor. The single fruits were large, but somewhat scattered on the vine, and did not yield near so much as the Beauty and other varieties. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Mansfield Extra Early Tree Tomato. This variety has been originated by careful selections and special methods until it has attained the height of ten feet for the tree, and a weight for a single Tomato of 30 ounces, and six inches in diameter, with testimonials of over 60 pounds of ripe fruit to a single tree, of a quality that surpasses all others. Fruit ripens from July 4th until frost; they are solid all the way through as a hard-boiled egg, and but few seeds in a Tomato. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 80c.

Livingston's Dwarf Stone Tomato. In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and what is more remarkable, for an erect sort, it is about the same size. Specimens weighing one pound each are quite common. The New Dwarf Stone is fully double the size of Dwarf Champion, and yet equally as early. It is fully as prolific, and consequently vastly more productive. In small gardens the plants may be set 18x24 inches apart each way, and yet produce an abundant crop. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens very evenly, and is of most excellent quality. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 30c; $\frac{1}{4}$ lb. 75c.

Early Michigan. A general crop Tomato; fruit large size; deep, rich red color. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

Honor Bright. The best long-distance shipping sort on the market; color when ripe, brilliant red. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

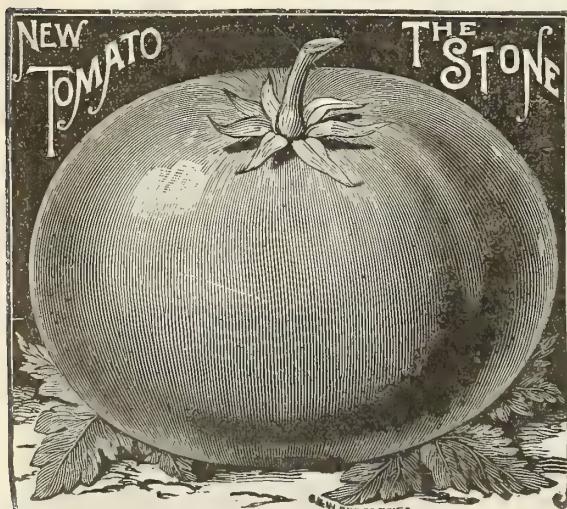
The New Stone Tomato. This new Tomato has already been generally adopted by canners and market gardeners everywhere. Its solidity and carrying qualities are far in advance of any other sort now known; color rich red, shape perfectly smooth and thicker from stem to blossom end than most varieties, making it very desirable and salable. Very large in size and very heavy cropper. The best all around general crop Tomato. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Matchless. This is a large fruited, cardinal red Tomato, ripening a few days earlier than the Stone. One of the best for general crop. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Tomato Plants. Ready May 1st. Strong transplanted plants. By mail, dozen, 25c; 100, \$1.00. By express, per 100, 75c; 1,000, \$4.00.



The New Dwarf Champion.



Enormous. A general crop Tomato; fruit large size, deep, rich red color. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

Honor Bright. The best long-distance shipping sort on the market; color when ripe, brilliant red. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

The New Stone Tomato. This new Tomato has already been generally adopted by canners and market gardeners everywhere. Its solidity and carrying qualities are far in advance of any other sort now known; color rich red, shape perfectly smooth and thicker from stem to blossom end than most varieties, making it very desirable and salable. Very large in size and very heavy cropper. The best all around general crop Tomato. Pkt. 5c; $\frac{1}{4}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Matchless. This is a large fruited, cardinal red Tomato, ripening a few days earlier than the Stone. One of the best for general crop. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Tomato Plants. Ready May 1st. Strong transplanted plants. By mail, dozen, 25c; 100, \$1.00. By express, per 100, 75c; 1,000, \$4.00.

LIST OF SELECTED TURNIPS AND RUTABAGAS.

One and one-half pounds to the acre.

CULTURE.—For early Turnips sow as soon as ground opens in Spring, but the other kinds for Winter use may be sown from middle of July to end of August. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of Rutabagas) by cultivating in drills 18 inches apart, and thinning to six inches in the drill. The Early White Egg is the Market Gardeners' Turnip.

Extra Early Milan. A new early very white variety, with purple top and strap leaf. Mild and sweet, remains in good condition for a long time. Choice variety, and as such we recommend it. (Short crop.) Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 75c.

Early Flat Red or Purple-Top. (Strap-leaved.) The standard for this country. Superior for early or late planting. Round, flat, good sized, small top, with but few leaves, flesh very fine grained, flavor good. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 40c.



Early Red-Top Strap Leaf.



Extra Early Purple-Top Milan.

Extra Early White Egg. Very early and particularly desirable for the table, flesh firm and fine grained, sweet and sugary, and of snowy whiteness, egg-shaped. For Spring or Fall sowing. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Extra Early Dutch. Rather flat, good white early sort. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Early Snowball. Extra early. This is a small white globe, very quick, the earliest in maturity of its form and character. We highly recommend it for table purposes. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

Long Cowhorn. Carrot-shaped, short, of delicate flavor for table. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Pomeranian White Globe. (Strap-leaved.) This is a free-growing, rough-leaved sort, useful for both table and stock, and may be recommended for both purposes. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 45c.

Golden Ball. A small yellow turnip of second size, early and a good keeper, very good for market and table. Pkt. 5c; oz. 10c; lb. 45c.

Sweet German. This variety partakes largely of the nature of the Rutabaga, and should be sown a month earlier than the flat Turnips. The flesh is white, hard, firm and sweet; good for Winter and Spring use. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

White Sweet and White Russian. Similar to the Sweet German. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Yellow Aberdeen or Scotch Yellow. This is highly approved as a market and cattle Turnip, attaining a large size. It is solid, nutritious, a good keeper, and is in every respect splendid for table use. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

The Monarch Swede. This new and distinct form of Rutabagas we believe by far the best of all. The bulbs are of tankard shape, with very small neck, skin dark, red above ground and yellow below, flesh rich yellow, fine grained and best quality. For earliness, quality and weight, it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage saccharine matter contained in the root makes it very palatable and nutritious to stock fed on it. Monarch Swede is of handsome shape and distinct appearance. Pkt. 5c. oz. 10c; 4 oz. 15c; lb. 50c.

Improved American Purple-Top Rutabaga. The leading variety and largely grown for stock as well as family use, hardy, productive, solid, sweet. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Champion Swede or Yellow Rutabaga. (Imported.) A superior English grown Rutabaga, the best to be had abroad. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 40c.

HEDGE SEED.

CULTURE.—Hedge Seed must be soaked in warm, not hot, water from five to ten days. Stir each day and change water, and when the seed begins to sprout, it is ready for planting. Plants should be transplanted before setting in hedge row.

Osage Orange..... 40 cents per lb.

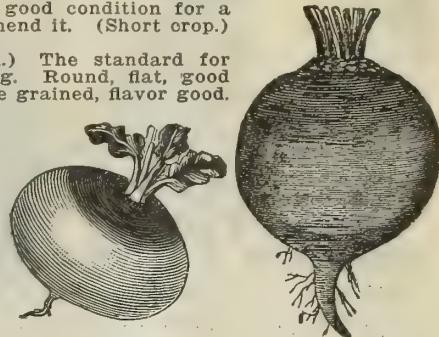
TOBACCO SEED.

Connecticut Seed Leaf. Best adapted to the climate of the Middle and Northern States, as it is more hardy and endures the cold better than the tender varieties. Pkt. 10c; ounce 50c.

Ohio Seed Leaf. Pkt. 10c; ounce 50c.

Imported Havana. Pure Cuban grown seed, and when grown in this country commands a high price for cigar stock. Pkt. 10c; ounce 75c.

When wanted, we can furnish other varieties at low prices.



Large Early Purple-Top Globe.

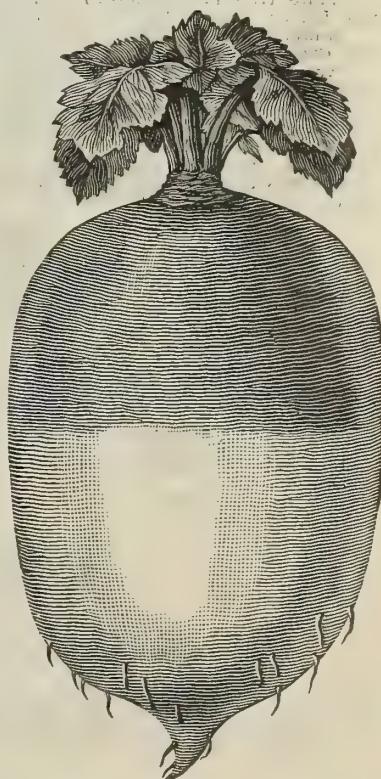
Amber Globe.



Early White Egg.



Sweet German.



The Monarch Swede.

SEEDS OF SWEET, POT AND MEDICINAL HERBS.

Aromatic herbs are those which possess medicinal as well as culinary properties, and should be found in every garden. They impart a pleasant, spicy odor, and are quite savory to the taste. To secure the herbs for use cut them on a sunny day, and spread thinly in the shade to dry.



Sweet Basil.



Sage.



Sweet Marjoram.



Summer Savory.



French Thyme.

Those marked with an asterisk (*) are perennial.

Anise (*Pimpinella anisum*). Used for cordial, garnishing and flavoring; the seeds have an agreeable, aromatic taste. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

Balm (*Melissa officinalis*). The leaves have a fragrant odor, and are used for making a pleasant beverage known as balm wine; also for balm tea, for use in fevers. Per pkt. 5c; oz. 25c.

Basil, Sweet (*Ocimum basilicum*). The leaves are used for flavoring soups, stews, and highly seasoned dishes. Per pkt. 5c; oz. 15c.

Bene (*Sesamum orientale*). Too tender for the North, but much used in the South. The seeds furnish an drink very beneficial for diarrhoea.

oil used for softening and whitening the skin. The leaves immersed in water make a drink very beneficial for diarrhoea. Pkt. 5c; oz. 15c.

Borage (*Borago officinalis*). The leaves are used for flavoring, and the flowers furnish bee pasture. Per pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

***Caraway** (*Carum carui*). Grown for the seeds, which are used extensively for the flavoring of bread, pastry, etc. Per pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

***Catnip, or Catmint** (*Nepeta cataria*). The leaves are used for seasoning; it makes, also, an excellent bee pasture. Per pkt. 10c; oz. 30c.

Chervil. Used for soups and flavoring. Pkt. 5c; oz. 15c.

Coriander (*Coriandrum sativum*). The seeds are used in the manufacture of liquors and confectionery. Per pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; per lb. 75c.

Dill (*Anethum graveolens*). The seeds have an aromatic odor and warm, pungent taste. They are used as a condiment, and also for pickling with Cucumbers. Per pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; per lb. 60c.

***Fennel, Sweet** (*Anethum foeniculum*). The leaves boiled are used in sauces. Pkt. 5c; oz. 10c.

***Horehound** (*Marrubium vulgare*). The leaves are used for seasoning and also in the manufacture of the popular cough remedy. Per pkt. 5c; oz. 20c.

***Lavender** (*Lavandula spica*). The variety generally sold. Per pkt. 5c; oz. 15c; per lb. \$1.25.

Majoram, Sweet (*Origanum majoram*). The leaves and the ends of the shoots are esteemed for seasoning in Summer, and also dried for Winter use. Per pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; per lb. \$1.25.

***Rosemary** (*Rosemarinus officinalis*). The aromatic leaves are used for seasoning. Pkt. 5c; oz. 25c.

***Rue** (*Ruta graveolens*). For medicinal purposes; good for fowls, for the croup. Pkt. 5c; oz. 15c.

Saffron. Used in medicine and dyeing. Pkt. 5c; oz. 25c.

***Sage** (*Salvia officinalis*). The most extensively used of all herbs for seasoning and dressing; indispensable. Per pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; per lb. \$1.50.

Summer Savory (*Satureja hortensis*). The leaves and flowers are used extensively for flavoring, particularly in soups and dressings. Per pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; per lb. \$1.00, postpaid.

***Winter Savory** (*Satureja montana*). The leaves and young shoots are used for flavoring. Per pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; per lb. \$2.00, postpaid.

***Tansy** (*Tanacetum vulgare*). Pkt. 5c; oz. 30c.

***Tarragon**. Has aromatic leaves that are used in seasoning or salads; also for flavoring vinegar. Pkt. 25c.

***Thyme** (*Thymus vulgaris*). The leaves and young shoots are used for seasoning; a tea is also made for nervous headache. Per pkt. 10c; oz. 20c.

***Wormwood** (*Artemisia absinthium*). Used medicinally, and is beneficial for poultry; should be planted in poultry yards. Per pkt. 5c; oz. 20c.

VEGETABLE PLANTS AND ROOTS.

We take all possible pains to have the Vegetable Plants and Roots here offered true to name and to arrive in good order, but can give no warranty, expressed or implied, as to quality, productiveness, etc., and will not in any way be responsible for the crop. Each order will be executed on these conditions only and must be accepted by our customer at time of purchase.

ASPARAGUS ROOTS.

By purchasing Good Strong Roots one or two years' time is saved.

Columbian Mammoth White. By mail, postpaid, 50 roots, \$1.00; 100 roots, \$1.50. By express, not prepaid, 100 roots, 75c; 500 roots, \$2.50; 1,000 roots, \$5.00.

Conover's Colossal. By mail, postpaid, 50 roots, 50c; 100 roots, 90c. By express, not prepaid, 100 roots, 60c; 500 roots, \$2.00; 1,000 roots, \$4.00.

Palmetto. By mail, postpaid, 50 roots, 70c; 100 roots, \$1.25. By express, not prepaid, 100 roots, 60c; 500 roots, \$2.50; 1,000 roots, \$4.50.

Barr's Mammoth. By mail, postpaid, 50 roots, 70c; 100 roots, \$1.25. By express, not prepaid, 100 roots, 60c; 500 roots, \$2.50; 1,000 roots, \$4.50.

BEETS.

Crosby's. By mail, 75c per 100. By express, 100, 60c; 1,000, \$3.00.

Eclipse. By mail, 75c per 100. By express, 100, 60c; 1,000, \$3.00.

Egyptian. By mail, 75c per 100. By express, 100, 60c; 1,000, \$3.00.

CABBAGE.

From January 15 to May 15—By mail, 75c per 100. By express, 100, 50c; 1,000, \$3.00.

From June 1 to August 1—By mail, 75c per 100. By express, 100, 40c; 1,000, \$2.00.

CAULIFLOWER.

Snowball. By mail, doz. 25c; 100, \$1.25. By express, 100, 75c; 1,000, \$6.00.

CELERY.

By mail, 75c per 100. By express, 100, 60c; 1,000, \$3.00. By mail, \$1.00 per 100. By express, 100, 75c; 1,000, \$5.00.

LETTUCE.

By mail, 60c per 100. By express, 100, 50c; 1,000, \$3.00.

PEPPER.

Chinese Giant. By mail, \$1.50 per 100. By express, 100, \$1.25; 1,000, \$5.00.

Other Varieties. By mail, 75c per 100. By express, 100, 75c; 1,000, \$4.00.

SWEET POTATO.

By mail, 45c per 100. By express, 100, 30c; 1,000, \$2.50. By mail, \$1.00 per 100. By express, 100, 75c; 1,000, \$4.00.

TOMATO.

FIELD SEED DEPARTMENT.

We are recleaners of all kinds of field seeds, having power cleaners operated by electric motor, and can therefore give you better and more even grades of field seeds than you will buy elsewhere. Commission houses do not, in all cases, reclean the seed they ship out, so it will pay you to order of us and get seed that is all of one grade. Give us a trial. (Cotton Bag 18 cents.)

CHOICE SPRING SEED BARLEY.

(48 lbs. to bushel.)

Quantity of seed sown per acre is about 1½ to 2 bushels.

NOTE.—This crop is receiving more attention in some sections of the country than formerly, and is now considered more profitable than the wheat crop. It brings a fair price on the market, and makes excellent feed for stock. The best soil for barley is a light, friable loam, but it does well on most clay lands that receive good cultivation and are properly drained.



Ohio Beardless Barley

Good fodder and plenty of it, supplemented by a generous grain ration, is as essential as good cows in profitable dairying, and when well grown and properly cured is far better than average hay. To secure the full nutritive value of Corn Fodder, it should be planted in drills three feet apart, and at the rate of 12 to 16 quarts per acre.

The Celebrated Red Cob Ensilage. A southern type of large white Corn with deep red cob; strong, leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers we sell to every year. Price, shelled, peck 30c; bushel \$1.00; in bags of 2½ bushels \$2.50.

FODDER AND ENSILAGE CORN.

48 lbs. to bushel. Sow from 10 to 12 quarts per acre.

Improved Evergreen. The Improved Evergreen Broomcorn grows about seven to nine feet high, stands up well, and is free from crooked brush. Its greatest value to growers is the fact that it will not get red in the field before it is cut, but is strictly a green variety of brush, and will always command highest price. Lb. 10c; ½ peck 35c; peck 60c; bushel \$2.00. (By mail, postage extra 8c per lb.)

Early Dwarf or Mohawk. Grows from three to five feet high and produces short, fine brush, suitable for whisk brooms and brushes. Lb. 10c; ½ peck 35c; peck 60c; bushel \$2.00. (By mail, postage extra 8c per lb.)

SWEET CORN FOR FODDER.

There is nothing better for green food, or for curing for Winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Farmers in this section should raise more Sweet Corn as feed for young hogs, which is sure to give better results than feeding common field corn. Also excellent for soiling. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre. Peck 50c; bushel \$2.00.

SUGAR CANE SEED, SORGHUM, ETC.

Drill, 4 to 6 lbs. per acre; broadcast, 10 to 12 lbs.

Early Amber. This is a standard variety now being successfully grown even in the extreme northern latitudes. It may be planted as late as the 15th of June, and will be ripe enough to manufacture in September. It is the earliest variety with which we are acquainted. The beautiful amber-colored syrup it produces is thought to be superior in flavor to any other, and for sugar is unsurpassed. It is useless to plant Cane Seed before the weather is warm in Spring. Our stock is choice. Price, 10c per lb.; 10 lbs. 65c; 50 to 100 lbs. 5c lb.

Early Orange. Another favorite sort. Price, 10c per lb.; 10 lbs. 65c; 50 to 100 lbs. 5c lb.

SORGHUM OR SUGAR CANE FOR STOCK FODDER.

Sow different times up to July 15, at the rate of 20 lbs. per acre. Dairymen, and in fact every farmer, should grow it for horses, cattle and hogs, as they eagerly eat and relish it, and nothing pays better. Dairymen especially should grow this sugar cane seed, as it gives them the best green fodder just in time when pasture is dried up, and will produce more and better milk than any other forage plant, even clover. 8c per lb.; 10 lbs. 50c; 20 lbs. 90c; 50 to 100 lbs. 8c per lb.

NON-SACCHARINE SORGHUMS.

5 to 6 pounds will plant an acre.

These varieties bear warm weather well. They grow on any land where corn will, even on land too poor for corn.

Kaffir Corn or Sorghum. Kaffir Corn is now successfully cultivated for both forage and grain in all sections of the United States. It is the best general purpose plant of all the varieties of Sorghum yet offered, unless it be the new Jerusalem Corn, and will make a paying crop on land that will not yield five bushels of corn or wheat. It is as early as Amber Cane. It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will make a good second crop to feed green or dry for Winter. Per lb. 10c; 10 lbs. 40c; 20 lbs. 60c; 50 to 100 lbs. 2½c per lb.

The Jerusalem Corn. A new forage and grain plant introduced in this country a few years ago, and the United States experiment stations recommend it very highly. Pkt. 10c; lb. 20c, postpaid. Per express or freight, 10 lbs. 60c; 20 lbs. \$1.

CHOICE SELECTED NORTHERN GROWN SEED CORN.

The Seed We Offer Is Grown for this Purpose and Furnished Both in the Ear and Shelled.

We have for years made a careful study of the best varieties of Corn grown in the United States, and fully appreciating the great importance to the farmer of **good field crops**, especially Seed Corn, we hold that Corn grown in our section of the United States, just at the edge of Michigan, is far preferable for planting in the Eastern, Middle and Southern States, to the Western-grown. Corn grown in our section will mature sooner and make far better yield than the Western-grown. Our Seed Corn will do better in the West than their own to plant. We have given particular attention to this department of our business, and have made **Selection and Improvement of Farm Seeds a Specialty**, exercising great care to secure the best varieties, thoroughly cleaned and of the best possible quality.

We make it an invariable rule to test our Seeds carefully before sending out, and our customers may depend upon getting Seed Corn that will grow perfectly under favorable circumstances. Sample ears will be sent by mail to any address on receipt of 20 cents to cover postage.

At prices given we charge 18 cents for Cotton Bags and the same for Bushel Crates, delivered f. o. b. Toledo. A bushel of Corn (either 56 lbs. shelled or 68 lbs. in the ear), will plant from seven to eight acres of land.

Ohio Early Gold Mine Corn. Is the best Yellow Corn that grows, also the easiest to husk and shell. It is early, ripening only a few days later than the **Pride of the North**; ears are of good size and symmetrical; color, a bright golden yellow, as handsome as a twenty dollar gold coin just from the mint; grain is very deep, cob small, and therefore it dries out very quickly as soon as ripe. **Seventy pounds of ear corn make sixty to sixty-two pounds of shelled corn**, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagon. Price, peck 40c; bushel \$1.50.

Longfellow Flint. An eight-rowed Yellow Flint variety. Ears from 10 to 15 inches long (shape shown in illustration), 1½ to 1¾ inches in diameter, well filled out to extreme end of cob. Cob small, kernels large and broad. Ear 20c; quart 20c; peck 50c; bushel \$1.50.

Thoroughbred Rural Early Large White Flint Corn. This large early White Flint Corn was introduced for the first time by the "Rural New Yorker," and it has proved itself to be the largest early Flint Corn in cultivation; a wonderful yilder, from three to four ears of 12 to 18 inches on one stalk; strong grower even on light soil. Quart 20c; peck 50c; bushel \$1.50.

Extra Early King Phillip (Improved Flint). This excellent red or variegated Flint Corn is so well known that it needs no special description. Quart 20c; peck 50c; bushel \$1.50.

Extra Early Huron Dent Corn. After a trial on a large scale, we have concluded that this is the earliest Dent Corn grown. Good size stalk and ear, small red cob, long deep grain, very rich in oil and starch, and is the only smooth very early Dent Corn known. Ears wonderfully perfect, grained even on both ends of cob; has quick, rank, strong growth, and is very productive; it heads the list of all extra early varieties. Our supply is genuine and from the originator's stock, strictly pure and carefully selected. Quart 20c; peck 40c; bushel \$1.25.

Maumee Valley Extra Early Gilhouse. A hybridized Yellow Dent and Flint Corn; a beautiful light yellow, kernels ½ of an inch broad, eight-rowed, grows of medium height, enormous yilder, two to four good sized ears on stalk; the earliest of all the Corn, will make a crop and ripen if planted as late as July 1st. The finest kind for meal and stock. By mail, ear 20c; quart 30c. By express, peck 50c; bushel \$1.50.

New White Cap Early Yellow Dent Corn. This new Corn has shown more fine and lasting points than any Corn in cultivation. The tip-ends of the grain are white, the inside yellow, making it a beautiful color, both on the cob and when shelled. Expert Corn growers pronounce it a perfect field corn, as to yield, size of ear, color, size of cob and growth of fodder. No corn in the world will yield as well on poor, thin land, and none stands the drouth as well, while on strong, rich land its yield is wonderful. Large growers in the great corn belt, as well as those out of it, will be pleased with this Corn, because, 1st—It is as natural a yilder as weeds. 2d—It will yield large crops on poor, thin soil. 3d—The ears are large, handsome and well filled. 4th—It is sure to mature in 85 to 95 days. 5th—It husks easy and shells easy. 6th—It commands the highest market prices. 7th—It will grow more bushels on poor, thin land than any other kind in the world. 8th—Stands the drouth better than 60 other kinds grown in the same county. 9th—It has small cob and large number of rows on cob, making a wonderful yilder. 10th—It will out-shell and out-yield the Leaming Corn. 11th—It grows its fodder strong. 12th—It combines more genuine merit for all soils and climates than any corn in cultivation. 13th—It is sure to please all who give it a trial. We highly recommend this Corn to our friends, and hope they will give it a trial. Price per peck, 40c; bushel, \$1.50.

Improved Leaming Corn. The True Improved Leaming Corn is a pure, fixed and distinct variety. It is not a hard, flinty corn, but sweet and nutritious, making excellent feed and the finest meal, its quality not being surpassed by any other known variety. The ears are large and handsome, with very large, deep grain of deep orange color, and red cob. Produces two good ears to each stalk, and husks and shells easily; good producer. Price, quart 20c; peck 40c; bushel, \$1.50.

The Clarence Early Yellow Dent Corn. This is an Early Yellow Dent Corn, and suitable, if necessary, for late planting. The Ohio State Board of Agriculture grew it on the grounds of the State Experimental Farm, and gave it in their report the highest recommend of all the early varieties of Yellow Dent Corn, in earliness, the number of bushels to the acre, average ears to each stalk, size of ears and least percent. of nubs. It is of good, bright color, ear very even in size its entire length, and kernels set square in rows; 14 to 18 rowed; it is a week earlier than any other Dent Corn, and large ears. We introduced this valuable variety of corn years ago, and must say that we never sold Seed Corn which gave such universal satisfaction. Several farmers have sold their crops of hundreds of bushels at double the price of corn, to their neighbors and dealers in other parts of the country. Quart 20c; peck 40c; bushel \$1.50.

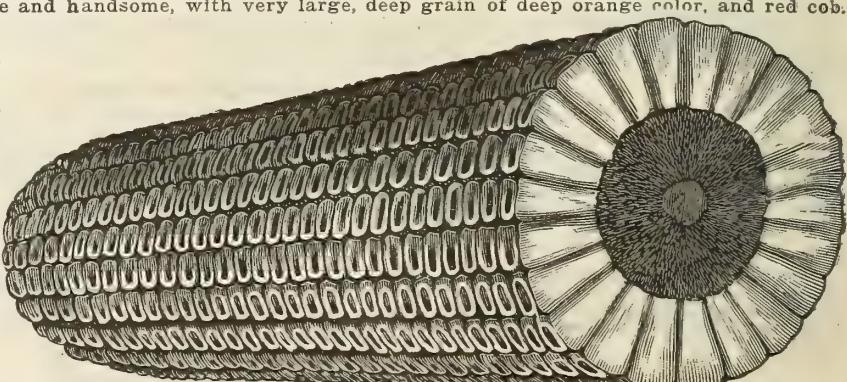
The following varieties we offer in the ear only, in Bushel Crates:

Boone County Special. A highly bred, pure White Corn, with ears 9 to 12 inches long and 7 to 8 inches in circumference. An all around good corn for all kinds of soils; particularly good for old fields. Price per bushel crate, \$2.00.

Funk's Yellow Dent. This Corn is of light golden color; ears 9 to 11 inches long and 7 to 8 inches in circumference. Has an abundance of foliage and compares well with the Improved Leaming in this respect. Price per bushel crate, \$2.



Longfellow Corn.



Improved Leaming Corn.

such universal satisfaction. Several farmers have sold their crops of hundreds of bushels at double the price of corn, to their neighbors and dealers in other parts of the country. Quart 20c; peck 40c; bushel \$1.50.

SEED OATS.

Choice Selected Northern-Grown Seed, Thoroughly Recleaned.

Broadcast or Drill, from 2 to 3 Bushels per Acre.

We are not great believers in fancy Oats at extravagant prices, but we do believe an occasional change of seed is a paying investment, and that new hybrids have been introduced of great value. The stock we offer was especially grown for us for seed, and carefully recleaned by us, and who would not grow pure, reliable, choice, improved heavy oats, in preference to the light, mixed, chaffy kinds, that only yield half a crop of inferior quality?



The Improved American Banner Oats.

New White Superior Scotch Oats. In limited amounts only. The heaviest Oats ever introduced in the United States. Very often weigh 50 pounds to the measured bushel. They surpass all other White Oats in heavy weight, thin hull, shortness and plumpness of grain. Their strong straw adapts them to rich bottom ground where common Oats will fall down and waste, and are enormously productive, some reports being as high as 152 bushels per acre. We therefore recommend all progressive agriculturalists to give them a trial and make Oats a paying crop. Price, peck 25c; bushel 85c; 5 bushels and upward 75c per bushel.

Improved American Banner Oats. We offer you carefully grown Seed, raised entirely from selected stock. The result of this care in selection is shown in the crop, which is the finest ever grown, and averaging upwards of 80 bushels to the acre. So that the seed now offered as The Improved Banner Oats is the very best, and every one should renew their stock at once.

This wonderful grain stands the test even in the driest seasons, and today, after hundreds of trials in all parts of the country, its fame is higher and more secure than ever before. Reports from all sections indicate a satisfaction that is truly gratifying, but not more than was expected when it was first sent out. For it had been thoroughly tried and proved to be the **most prolific variety of Oats on record.** One hundred bushels to the acre have been raised, and that certainly ought to satisfy the most exacting. On fields to which no fertilizer has been applied for two years, 70 bushels to the acre have been produced. This year all that has been claimed for it has again been realized, and so it stands today as the Improved Banner Oats of America. An average of 80 pounds has been raised from a single pound of seed—30 pounds in excess of what was claimed for it when first introduced.

The grain is white, large and plump; ripens early, has a stiff straw of good length. It tethers freely and throws up a large number of stems, and therefore can be sown thinner than ordinary Oats. It is as nearly rust-proof as any Oats can be. Every one who raises Oats should try the variety. An Oat that will yield 60 to 80 bushels to the acre with ordinary culture is good enough to raise and good enough for everybody to make a trial of. On good soil and with good weather it will go far ahead.

Prices, postpaid, per pound, 20c; 3 pounds 40c. By express or freight, at expense of purchaser, per peck 25c; per bushel 85c; 10 bushel lots 75c per bushel. For large quantities, special prices on application.

Improved Black Tartarian. These Oats were grown specially for seed from pure imported stock from Europe, which we have grown in sufficient quantity so that our customers can have a chance to try its merits. The grain is very large, shiny, plump and full, very thin hull, and it is exceedingly prolific, having yielded at the rate of 100 bushels to the acre with only ordinary cultivation, and has proved absolutely **rust proof** where other varieties were destroyed by rust; weighing 48 pounds to the measured bushel. Peck 25c; per bushel 85c; 10 bushels and over 75c a bushel. Larger lots special price. Samples mailed on application.

The Famous Lincoln Oats. We have had grown for us a very fine stock of these New Lincoln White Oats, introduced in the Western States with such grand results as to its wonderful productiveness, some reporting as high as 174 bushels from a single bushel of seed sown; claimed to have a remarkably stiff straw, standing up well on all kinds of soil; very early, and so far proven entirely rust proof; it is very valuable for seeding on account of its thin hull, heavy meat and soft nib. From what reports we have we think these Oats ought to be grown by every progressive agriculturalist, especially when the price we offer them at is so reasonable. Price, peck 25c; per bushel 85c; 10 bushels and over 75c a bushel; large lots, special price.

New Sensation White Oats. These Oats are of our own raising and are about ten days earlier than the common oats. With short, stiff straw that will not lodge or rust. We cheerfully recommend it to all of our customers who are in need of a first-class white oat. The grain is very heavy, an immense yielder, and an all-around good oat. Price, peck 25c; per bushel 85c; 10 bushels and over 75c a bushel. Larger lots, special prices.

FLAX SEED.

56 lbs. to Bushel. Sow 1 to 1½ Bushels per Acre.

Flax. Extra recleaned for seeding. Lb. 5c; peck 40c; bushel \$1.50.

CANADA FIELD AND COW PEAS.

Sow from 1 to 2 Bushel per Acre. Cotton bags 18 cents.

White and Blue Varieties. They are used mostly for field culture. In their dry state they are used extensively for feeding pigeons, making soups, also table use; in their green state for turning in hogs.

Canada Field Peas. From one to two bushels, according to soil, are sufficient to sow per acre. Bushel \$1.75; peck 50c; quart 10c; pint 5c. Special prices on 10 bushels or over.

Cow Peas (Whip-poor-will), and Other Varieties. The best for soiling. Broadcast 1½ bushels per acre. Nothing better for stock of all kinds, green or dry state. Quart 15c; bushel \$2.00. Special prices for 10 bushels and larger orders.

We sell car loads every season, and are headquarters for Field Peas.

RAPE SEED.

(Sow 5 lbs. per acre.)

True Dwarf Essex English Rape Seed. Mr. Owen, of Norwalk, a customer of ours, seeded three-fourths of an acre to Rape and pastured 60 hogs on it all season, and they grew fat. The hogs had access to this field at will, and at the end of the season the patch was still green. Think this over carefully and try it. Millions of acres of good land that annually lie idle or run to weeds in this country in the latter part of the season, after the grain, potato and hay crops have been harvested, might be made to produce one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle and sheep are roaming through the pastures in search of a scanty living. Rape may be sown broadcast at the rate of five pounds per acre and harrowed in, or the land may be thoroughly harrowed and the seed sown in drills. Under favorable conditions it is ready for pasturing pigs, sheep and cattle within six weeks from the time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. There are several varieties of Rape, but care should be taken to procure the genuine Dwarf Essex, which does not seed the same season as sown, and seed is larger than the common Rape and Mustard Seed usually used and sold for bird seed. Rape Seed can be sown and cultivated in the growing corn. Price, lb. 10c; \$5.00 per 100 lbs. Cotton bags 18c.

SEED RYE.

(Sow from 1 to 1½ bushels per acre.)

Very little attention has been paid to fertilizing this crop until lately, but recent experiments have shown that it pays as well to feed the Rye crop liberally as almost any other. It is a good crop to grow for green manuring. We know of some farmers on clay lands who grow corn every year and keep up the fertility of the soil by using fertilizers and rye as a catch crop, which turned under in the Spring keeps plenty of humus in the soil and the land improving all the time.

Mammoth White Rye. For Fall seeding. Per peck 30c; bushel \$1.00.

OUR SPECIAL GRASS MIXTURE FOR HAY AND PERMANENT PASTURES.

Buy good, first-class Seed, and although high priced to start with, saves Money, Time and Labor in the Long Run.



All the different Grass Seeds entering into the below mentioned Mixtures are thoroughly recleaned by the latest improved machinery.

No Phosphate Used.

One thing is certain, that good pasture land is the foundation of the riches of a farm.

GRASS MIXTURES FOR PERMANENT PASTURES.

The past years have demonstrated the necessity of devoting more attention to good pastures. A pasture or meadow of Mixed Grasses is far superior to Clover and Timothy.

There is an increasing demand for grass seeds for remaining down for two or more years, and the system of extending the period during which rotation grasses remain down has many advantages, while the cost of suitable seeds is much less than those for permanent pasture.

No. 1. Grass Mixture for Permanent Pasture. The base of this special mixture is **Orchard Grass**, which yields as abundant crops as the ordinary mixture of "Timothy and Red Top," and is also a **much more permanent grass** than Timothy; with the great luxuriance of its aftermath it possesses remarkable powers of enduring the cropping of cattle. Besides Orchard Grass, this mixture is made up of **Our Northern Red Top** (which grows taller and makes better hay than the Red Top from the South), and English Rye Grass, Tall Meadow Oat Grass, English Blue Grass, Kentucky Blue Grass and Alsike Clover Seed, which gives permanency to the sward. From 25 to 35 pounds should be sown to the acre. This mixture is good on any soil. Per lb. 15c; per 100 lbs. \$13.00.

No. 2. For Mowing and Grazing in Orchards and Shaded Situations. English Rye Grass, Timothy, Meadow Foxtail Grass, Orchard Grass, Wood Meadow Grass, Italian Rye Grass, Tall Meadow Oat Grass, Mammoth Clover, Red Top Grass and White Clover. Allowing 20 pounds per acre. Per lb. 15c; per 100 lbs. \$13.00.

No. 3. For Pastures on Any Soils. Timothy, Meadow Fescue or English Blue Grass, Meadow Foxtail Grass, Red Top Grass, Orchard Grass, Kentucky Blue Grass, Lucerne Clover, Alsike Clover, White Clover. Allowing 20 pounds per acre. Per lb. 15c; per 100 lbs. \$13.00.

No. 4. For Ordinary Pasture. Orchard Grass, Kentucky Blue Grass, Timothy, Red Top, Red and Alsike Clover Seed. Allowing 25 pounds per acre. Per lb. 14c; \$12.00 per 100 lbs.

No. 5. For Wood and New Ground Pasture. We have a mixture of the following grasses, which we offer at such price that any one who has any room and need for same will no doubt avail themselves of our very low offer: Orchard Grass, Blue Grass, Red Top Grass, Timothy, low-grade Alsike and other Clovers. Allowing 30 pounds per acre. Per lb. 10c; \$9.00 per 100 lbs.

Grasses and Clover Seed. We issue a daily price list of all **Clovers, Timothy and other Grass and Farm Seeds**, which will be sent free upon application.

SUNFLOWER—MAMMOTH RUSSIAN.

CULTURE.—The Sunflower, during the past few years, has attracted considerable attention as a profitable field crop, its leaves being used for forage and its seed for poultry and the manufacture of oil. It is also planted with satisfactory results on low, swampy ground, to avoid miasma.

Mammoth Russian. Striped seed. Price per lb. 10c; 50 lbs. and upward 6c per lb. This is one of the best egg-producing foods known for poultry, keeping them in fine condition. Cotton bags, 18c.

VETCHES OR TARES.

Sow 30 lbs. per acre with $\frac{1}{2}$ bushel grain to hold up.

Vetches or Tares are grown for a forage crop.

The Hairy or Sand Vetch. (*Vicia Villosa*.) Large crop and prices lower. This has proved to be the most valuable of all Vetches. It succeeds on all soils and does not suffer from extreme drought, heat or cold. Sown in Spring or Fall it quickly produces a most luxuriant growth. The vines are very similar to Pea vines, but more slender and much more thickly clad with leaves and side stems, so will furnish the very best of feed. From tests made by Ohio's Department of Agriculture, the Hairy or Sand Vetches do well and will remain green throughout all but the most severe winter weather. Makes as good hay as Mammoth Clover and cattle eat it as readily. A good plan is to seed with Rye in the Fall of the year, as the rye helps to keep it loose and hold it up so that it can be cured more easily. For reclaiming sandy soils it has no equal. Try it. Price, 10c lb., not postpaid; \$8.00 per 100 lbs. by freight or express.

GINSENG.

Treatise Free with an Order.

Crop 1903 Ginseng Seed, due to grow Spring of 1905, per hundred	\$ 1 75
Crop 1903 Ginseng Seed, due to grow Spring of 1905, per thousand	15 00
Crop 1904 Ginseng Seed, due to grow Spring of 1906, per hundred	1 25
Crop 1904 Ginseng Seed, due to grow Spring of 1906, per thousand	10 00
One-year-old Ginseng Roots, per hundred	10 00
Two-year-old Seed-bearing Roots, per hundred	12 50

GRASS SEEDS.

High Grade Extra Clean Clovers Timothy and Other Grass Seeds.

Toledo, Ohio, is the greatest Clover Seed market in the world, and we are right in the seed belt. Our Pioneer Brand Medium and Choice Mammoth Clover Seed are the purest and best cleaned of all. Our large mail order trade has been built up by honorable dealing, handling the best grades, and giving our customers just what they pay for and expect to get. We have pleased thousands, according to their friendly testimonials, and will please any one who will favor us with their order, and ask you to be friendly and write us for samples and prices whenever wanting to buy in large or small quantities.

We pay particular attention to this part of our business. These seeds are selected and tested with special reference to their quality. Purchasers may rely upon our best exertions to furnish Grass and Field Seeds pure and free from noxious and foreign seeds. We grow and buy our stock of growers, and keep in stock large quantities of Clover Seed and other Grass Seeds, cleaned by the most improved electric machinery. Our Clover Seed, Medium and Mammoth, is kept separate and not mixed, as is generally the case of most all seed sold and bought on the Exchange and of commission and export Seed houses. Our prices are as low as any reliable seedsman can sell such Clover and Grass Seeds for. Of course we do not pretend to compete with the Exchange and commission house prices, where good and indifferent seeds are mixed and sold at low prices. It is better every time to pay a little more and get the genuine unmixed and clean seed. Clover is the foundation of all farming. It would even pay the farmer if he had to give \$10 per bushel for it. We are in a position to save you money every time on Grass and Clover Seed. Send us your order, or apply for prices, pamphlets and samples.

Kentucky Blue Grass, English Rye Grass, Orchard Grass and Red Top, in lots of five bushels and over, **no charge for bags.** For all other seeds, cotton bags extra. Your orders are solicited and will receive prompt and careful attention, and will be filled at lowest market price on receipt of same, unless prices are agreed upon before.

When in the market to buy, write for our Field and Seed Price List, mailed free.

Cotton Bags extra, 18 cents each.

Prices given below for the Field Varieties are for the present only as the market changes daily.



Alfalfa Clover.

and as a fertilized, with excellent results. This is a improver of the soil or for an early Summer forage or hay crop, it gives the very best results, while for improving poor land it has no equal. Sown in every kind of soil, and is now grown largely in all the Middle States, and has succeeded in every State in the Union where tried. Sow 20 pounds to the acre. Pound 10c; postpaid, 20c; bushel of 60 pounds \$4.25.

Red Clover, Medium. (Trifolium Pratense). This is the common Red Clover, the seed of which is the Clover Seed of commerce. This Clover is one of the most valuable Farm Crops of the Eastern and Middle States for hay and pasture. Red Clover was damaged this year by the too frequent rains and, besides being a short crop, is somewhat discolored, but the seed we offer and sell thoroughly recleaned, and what brown seed our samples contain, although off color, will grow and, barring color, just as good as the blue seed. Pound 15c; postpaid, 25c. Market price in quantity.

Mammoth Sapling Clover, English Clover. Compared with the common Red Clover, its flower, foliage and stems are of darker color. Is valuable when grown with other grasses for mixed hay, as it ripens later than common Red Clover, about the time Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. Being a very rank grower, it is coming into general use for soiling purposes. Pound 15c; postpaid, 25c. Market price in quantity.

White Dutch Clover. (Trifolium Repens). Grows naturally in pastures in a great variety of soils and situations, and is an indispensable requisite in all parks and lawns. Per pound 20c; postpaid, 30c. Market price in quantity.

Sanfoin (Onobrychis sativa) a perennial leguminous plant of Alfalfa Clover Family. Is valuable for growing on barren hillsides, and when once established lasts for many years. Per pound 15c; per hundred pounds \$10.00.

Bermuda Grass. (Cynodon dactylon). A most valuable Grass for our Southern states. It can not endure hard frosts, therefore not good in the northern states. Is of dwarf habit, with long creeping stems, rooting at the joints. Makes a matted turf and will keep steep embankments from washing. Per pound 50c; bushel 36 lbs. \$14.00.

Bromus Inermis (Awnless or smooth Brome Grass). A hardy perennial Grass growing from 3 to 5 feet high and standing extremes of heat, cold and drought better than any of our cultivated Grasses. Yields big crops of hay, but much inferior to that of our standard native sorts. Has creeping roots, spreading rapidly under ground and giving out new plants, therefore hard to eradicate when once established. Sow in Spring or Fall at the rate of from 18 to 20 lbs. per acre. Per pound, 15c; bushel, 12 lbs. \$1.50.



Bromus Inermis.

Beach Grass (*Ammophila Arundinacea*). Valuable on the sandy seashore, canal and railway banks, etc. With its strong, wide-spreading roots it binds the drifting sands into natural embankments against the action of wind and waves. Price, per lb. 40c; bushel, 15 lbs. \$5.50.

Kentucky Blue Grass (*Poa Pratensis*). Kentucky (not Canada) Blue Grass crop was an average one this season. Is very valuable and exceedingly popular in some sections of the country as a pasture grass. It is very productive and unusually early in Spring, furnishing delicious food throughout the season for all kinds of stock. It is not easily affected by drought or frost, is suited to any variety of soil, succeeding best on a moist, rich meadow. For permanent pasture it is particularly valuable, being of dwarf growth; therefore not so well suited for meadows. Unexcelled for lawns. If let grow up in Fall, without grazing, makes good Winter pasture. Our seed is all new crop, Kentucky grown and the best grade, "Fancy Cleaned." Beware of the Canada blue grass, which does not make as good pasture as the Kentucky, and the seed contains a considerable proportion of Canadian thistle, which would be a great damage to any farmer, but can be purchased at about half price. We understand that even some Kentucky dealers buy this and sell it as Kentucky-grown seed. Sow 28 pounds per acre for pasture and 40 to 50 pounds for lawns. Extra choice. Bushel \$1.25; peck 40c; pound by mail 20c. Fancy: bushel \$1.75; peck 60c; pound by mail 25c. For large orders, special price. We can furnish a lower grade (extra clean) Kentucky Blue Grass at \$1.00 a bushel, but there is but little vitality left in it and we do not recommend it.

Creeping Bent Grass (*Agrostis stolonifera*). This grass prefers low bottom lands, especially if somewhat sandy; is of rapid growth, spreading habit, and its creeping, rooting stems make a strong, enduring turf that is positively improved by constant trampling. Forty-five pounds should be sown per acre. Price, per lb. 25c; bushel of 15 lbs. \$3.00.

Crested Dogs Tail (*Cynosurus Cristatus*). A Perennial Grass that thrives both on hilly and bottom lands, in the shade and open; accommodates itself to any soils. Sow 30 pounds per acre. Price, per lb. 40c; per bushel of 30 lbs. \$9.00.

Hard Fescue (*Festuca Duriuscula*). A Permanent Grass for dry, sandy lands; also shallow, silicious soils. Is extremely hardy and withstands extremes of heat and cold and also long periods of drought. Height 1 to 2 feet; 30 pounds to the acre. Price, per lb. 15c; per bushel of 20 lbs. \$2.25.

Hungarian Grass. A valuable forage grass and hay, both because of its foliage and nutritious seeds; early; resists drought; does well on light soil. Sow one bushel per acre. Bushel 48 pounds. Lowest market price.

Italian Rye Grass (*Solium Italicum*). A remarkably rapid growing Grass that under the most favorable conditions will last two years; is an annual only. Withstands extreme heat and cold; valuable to mix with other grasses. Height 1½ to 2½ feet. Price, per lb. 10c; per bushel of 22 lbs. \$1.75.

Johnson Grass. A valuable Southern Fodder Plant to be sown in August and September at the rate of 30 pounds per acre. Price 15c per lb; in 100-lb. lots \$10.00.

Meadow Foxtail One of the best permanent pasture Grasses for rich, moist soils, extremely early and withstands high Summer heat without burning out. Should be sown only in connection with other grasses for pasture at the rate of four pounds per acre. Height 2 to 3 feet. Price, per lb. 30c; bushel of 9 lbs. \$2.50.

Meadow Fescue (*Festuca Pratensis*). English Blue Grass. A highly valuable species for permanent grass land. It does not, however, attain its full productive power until the second year, when it far exceeds most other sorts in quantity of its produce and nutritive matter. It is relished by live stock, both in hay and pasture, and is one of the most desirable permanent grasses for general culture and mixtures for permanent pasture. Height 2 feet; 27 pounds to the acre. Price, per lb. 15c; bushel of 27 lbs. \$3.00.

Meadow Soft Grass (*Holcus Sanatus*). A perennial and hardy Grass for poor soils. Height 1 to 2 feet; sow 35 pounds per acre. Price, 20c per lb.; per 100 lbs. \$15.00.

MILLETS.

Valuable as Summer forage and hay Grasses, weighing 50 pounds per bushel, to be sown at the rate of one bushel per acre.

Common Millet. An excellent early forage Grass, with long, broad leaves and nutritious grain. Grows to height of three or four feet. Very early. Lowest market price.

Improved German or Golden Wonder Millet. This is not so early as the common Millet, but yields much larger crop. Southern-grown seed is preferred, producing more hay. Northern-grown seed is usually hybridized with other millets and will not grow as tall. Southern-grown seed at lowest market price.



Orchard Grass.

The Russian Forage, or New Manitoba Millet. This is largely grown in Russia, British Columbia and the Dakotas, and introduced by us a few years ago. Lowest market price.

Orchard Grass (*Dactylis Glomerata*). A rough, coarse, perennial Grass, extremely hardy; of all grasses the best for sowing under trees or in orchards; furnishes abundance of pasture during the entire season, wet or dry; makes excellent hay mixed with clover. Sapling or Alsike Clover is best to sow with it, as it ripens about the same time. Sow in September or Spring, at rate of 1½ to 2 bushels per acre. Weight per bushel, 14 pounds. This seed has been in great demand by English and other foreign dealers. It grows about 2½ feet high, producing an immense quantity of leaves and foliage. On account of its earliness and quick growth it is of exceptional value for permanent pastures. It furnishes the first green bite in Spring and the last in Fall; is quick to recover from close croppings, even thrives better the more it is cropped, and is heartily relished by all kinds of stock. It should not be sown alone, as it grows in tufts, but in a mixture with other grasses it should be included, so as to get a close and even sod. Pound 20c; bushel \$2.

Pacey's Rye Grass (*Solium Perenne*). The most valuable Grass of Great Britain, holding the same position of importance that Timothy does in our country. Very early and cures into hay that is very hard but has a sweet flavor and relished by cattle. Mixed with Red Clover makes a good hay. Height 1½ to 2 feet. Sow two bushels per acre. Price, per lb. 15c; per bushel of 28 lbs. \$2.80.



Kentucky Blue Grass.

Rhode Island Bent Grass (*Agrostis Canina*). This Grass is a native of Europe and much resembles our Red Top, but is of dwarfer habit with shorter and narrower leaves. It makes a close, fine turf, and is largely used for lawns in the old country; at the rate of 50 pounds per acre. Height 1 to 2 feet. Price, per lb. 25c; bushel of 15 lbs. \$3.00.

Herd or Red Top Grass (*Agrostis Vulgaris*). Fourteen pounds to the bushel. This is a good permanent grass, and makes a perfect sod. It is the best grass that can be sown on washy lands for holding the soil. In most sections it is highly appreciated for hay, succeeding Clover and Timothy when they have dried out. It is a good forage plant when kept fed close. It never grows so coarse or hard but that the stalk is sweet and tender, and eaten without waste. It should enter largely into a mixture with other grasses. Sow two bushels to the acre. Pound 15c; subject to market price.

Red Top Fancy. Cleaned from chaff and is solid seed. (About 50 lbs. to the measured bushel.) Three pounds thus equals one bushel of ordinary Red Top. Unlike ordinary Red Top, it can be sown at the same time with other grasses, thus avoiding going over the ground a second time. Pound 20c; 14 lbs. \$1.50; 100 lbs. \$10.00.

Red Top grows almost everywhere, but in a moist soil it reaches its highest state of perfection; is good for pasture and also lawns. There is a great difference in the grade and qualities. The low-priced seed is really nothing but the chaff and hulls of the choice and fancy cleaned, and contains but a small percentage of germinating seed.

Rough Stalked Meadow Grass (*Poa trivialis*). This Grass grows from 1 to 3 feet in height and makes a fine turf in shaded or moist situations. Is valuable for forming bottom grass in pasture mixtures. Sow 20 pounds per acre. Per lb. 45c; bushel of 26 lbs. \$10.00.

Sweet Vernal, True Perennial (*Anthoxanthum odoratum*). A fine Grass for pasture mixture, as it keeps up a continuous growth until late in the Autumn. A little of this seed sown in the hay fields emits a fragrant odor and thus sweetens the hay. Price, per lb. 50c; per bushel of 10 lbs. \$4.50.

Sweet Vernal, Annual (*Anthoxanthum odoratum puelli*). Much smaller than the perennial and of much less value, lasting only one year. Price, per lb. 15c; per bushel of 10 lbs. \$1.25.

Sheep Fescue (*Festuca Ovina*). This Grass prefers dry uplands and thrives in poor, shallow, gravelly soils where other grasses would fail. Is hardy, resisting extreme heat and cold. As it is a "bunch grass," good for mixing with other grasses for pasture; much relished by sheep. Price, per lb. 15c; per bushel of 16 lbs. \$1.75.



Timothy.



Red Top Grass.

Timothy (*Phleum Pratense*). This Grass Seed, so well known that it needs no description, is most extensively grown throughout this country and succeeds well on most all soils and stands extreme drought, heat or cold. It makes the very best and most nourishing hay that can be preserved for a long time. We buy none but the fancy grade of this seed and after recleaning same are prepared to say that we sell the best Timothy Seed money can buy. Price, per lb. 10c; per bushel of 45 lbs., market price.

Tall Meadow Oat Grass (*Avena Elatior*). Valuable as a pasture Grass on account of its early and luxuriant growth; extremely hardy and much relished by cattle. Height 2 to 4 feet. Price, per lb. 25c; per bushel of 13 lbs. \$2.75.

Tall Meadow Fescue (*Festuca Elatior*). Succeeds best in moist alluvial and strong clay soils, and valuable as permanent pasture; relished by stock. Height 3 to 4 feet. Price, per lb. 40c; per bushel of 22 lbs. \$6.50.

Wood Meadow Grass (*Poa Nemoralis*). The finest Grass for shaded situations in lawns and woodland parks where other lawn grasses will not grow. Is very hardy and resists extreme heat or cold. Price, per lb. 45c; per bushel of 19 lbs. \$6.00.

SPRING AND WINTER SEED WHEAT.

Sow 1 1/2 bushels per acre.

NOTE.—No matter how low prices may go, wheat will continue to be grown, for there is nothing else that will take its place in many crop rotations, especially where grass is to follow. It makes a sale crop, and the straw is indispensable about the barn if stock is to be kept comfortable and in a thriving condition. It has been found that wheat can be fed to stock very profitably when the price is too low to send it to market, and, altogether, the consumption of wheat is likely to increase rather than diminish in the near future. In view of these facts, farmers should learn how to grow the crop cheaper, or, in other words, how to increase the average yield per acre, for there is a profit when between 30 and 40 bushels are obtained.

There is no doubt of most farmers being able to obtain such a yield if thorough cultivation and fertilization are employed.

North Dakota Fife Spring Wheat. Peck 50c; bushel \$1.50.

We will have all the leading and new varieties of northern-grown Winter Wheat, of which we will issue a Special Seed Wheat Catalogue, containing full descriptions and prices, by July 20th next, and mailed free to all applicants. Our customers should write for this list.

We name the following varieties that we offer at \$1.50 per bushel in small lots. Special price on 10-bushel lots and over:

Smooth Varieties. Pool, Mealy, Fultz, Red Clawson, Number Six.

Bearded Varieties. Rudy, Diamond Grit, Nigger, Hybrid Mediterranean.

SPELTZ OR EMMER.

(Sow from 50 to 75 lbs. per acre.)

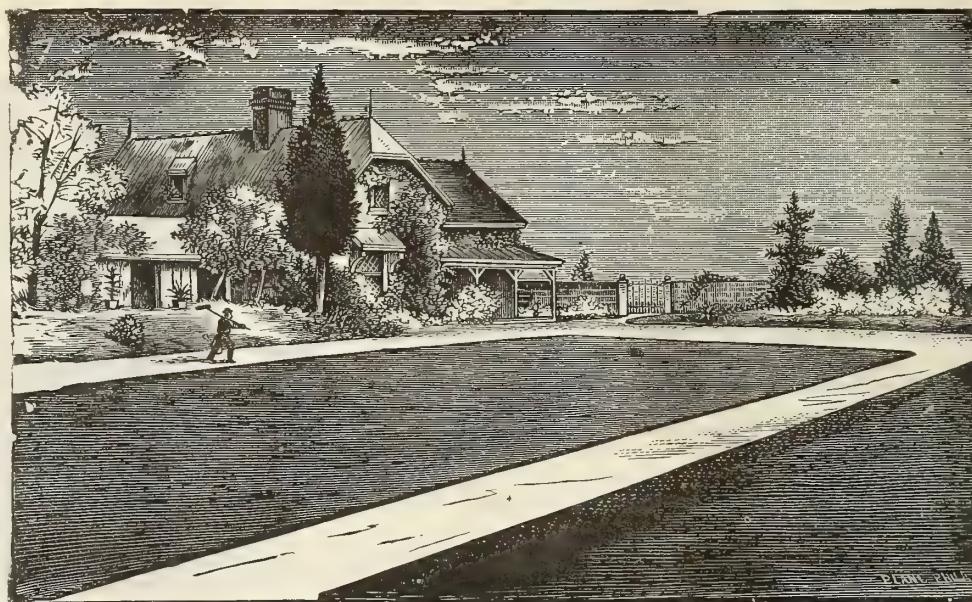
Introduced from Germany into this country several years ago, and from all reports will grow anywhere in the United States, and we can safely offer the seed to our customers as one of the grandest fodder crops grown. It resembles Barley when threshed, and when the hull is removed you can scarcely tell it from wheat. Speltz is an immense yielder and for fattening cattle and hogs has no equal, being better food than corn. Speltz should be sown early in the Spring, the same as Spring Barley and Spring Wheat, and enormous yields are assured. We offer Ohio-grown seed at the following rates, delivered f. o. b. cars or express here. Cotton bags extra 18 cents each. Pound, postpaid, 20c. By freight, 50 lbs. \$1.75; 100 lbs. \$3.00.

PHILIPPS' LAWN GRASS SEED MIXTURES.

Our Grass Seed Mixtures are known for their purity and will make a perfect turf before the approach of cold weather if sown during September or early part of October, and produce finer lawns the following summer than those sown in spring. Toledo is known all over as the **Grass Seed Center** of the world, and our facilities for picking the **Cream** of the market are unsurpassed.

All the
Grass Seeds
entering
into our
Lawn Grass
Mixtures
thoroughly
re-cleaned
by the most
improved
methods so
as to make
them free of
foul seeds.

We buy the
.very best
grades of
Seed for our
Lawn Grass
Mixtures and
can therefore
assure our
customers
that no bet-
ter Seed can
be had at
any cost.



LAWN GRASS SEED.

Philipps' "Fancy Park" Mixture. A very fine mixture of grass seed, producing a thick and velvety permanent turf, which will retain its beautiful appearance throughout the entire summer and fall. It contains all the most suitable fine-bladed varieties in proper proportion. Will make a perfect lawn in from six to eight weeks. Per lb. 20c (postpaid 30c); per bushel of 14 lbs. \$2.50.

Philipps' "Common" Mixture. A good mixture of different grasses, making a beautiful green carpet notwithstanding the heat of the summer. Per lb. 15c (postpaid 25c); per bushel of 14 lbs. \$2.00.

Philipps' "Under-Trees" Mixture. It is hard to obtain a nice growth of grass permanently under trees or other shady places, and this mixture is composed of grasses which will grow in such situations and give satisfaction. Per lb. 40c (postpaid 50c); per bushel of 18 lbs. \$6.50.

Philipps' "Slope and Terrace" Mixture. To get a satisfactory turf on slopes or terraces requires grasses which root very deeply and will withstand the washouts of heavy rains, and this mixture contains such varieties in liberal proportion, which, after once being established, will not suffer from continuous heavy rains. Per lb. 20c (postpaid 30c); per bushel of 20 lbs. \$3.50.

Philipps' "Putting Green" Mixture. It requires a very substantial turf for Putting Greens, and this mixture will answer the most critical demands. It contains all fine-bladed grasses of low growth and will produce a tough, thick and beautiful green turf. Per lb. 25c (postpaid 35c); per bushel of 20 lbs. \$4.50.

The **Lawn Grass** which we offer should not be compared with the cheaper preparations advertised. Our combination is of the best chosen varieties and clear of weed seeds. Any one who purchases cheap, ill-chosen Lawn Grass will soon realize that it is a poor investment, as the crop is a constant reminder of a poorly considered purchase.

Much of the success of lawn making depends upon the preparation of the ground. The land must be well plowed or dug, and harrowed or raked, to secure thorough pulverization, and, if possible, well rolled down and top dressed with a good fertilizer, unless the land had received an application of well rotted stable manure before plowing or spading, and we would recommend a good grade of super-phosphate or a mixture of phosphate, ammoniated bone, as especially adapted for lawns, at the rate of 500 pounds to the acre, which should be lightly harrowed in and upon the seed bed. Our **Lawn Grass Mixture** should be carefully sown at the rate of three or four bushels to the acre, lightly harrowed in and thoroughly rolled. When the young shoots of grass have attained the height of three or four inches it should be carefully mown with a sharp scythe; after this it should be mown about every ten days with a lawn mower. Frequent mowing is indispensable to maintain turf in good order.

When your lawn has already been established, you will find it greatly to your advantage to renew it every season. As early in the spring as the weather will permit, have your lawn carefully raked so as to remove the dead grass and leaves that may be thereon; then sprinkle it with our **Mixed Lawn Grass Seed**, which will renew the thin places and spots which have been killed by winter; then give it a dressing with our **Lawn Fertilizer Mixture**, and finish by giving the whole a thorough rolling; after which the lawn mower should be used every week or ten days. This will make the lawn a source of ever varying beauty and enjoyment throughout the season.

We have tried all kinds of **Lawn Grass Seed**, both native and foreign, and confidently recommend our **Mixed Lawn Grass Seed** as the best in use. It makes a quick and luxuriant growth, and permanently occupies the ground, giving it a velvety evergreen sod, which is the charm of a lawn.

We wholesale our **Lawn Grass Seed** put up in lithographed cartons of one pound—two dozen per case, and shall be pleased to have dealers write for prices.

Flower Seed Novelties and Specialties

FOR 1906

The list of the following varieties is a special selection for those who wish to have the choicest strains of the old varieties and the best of the new varieties, which impress us from the horticultural press as meritorious.



Aster "Hercules."

THE FIVE MOST BEAUTIFUL ASTERS.

310 **Daybreak.** Of branching habit, growing about two feet high; flowers large and double, with incurved petals on long, stiff stems, giving a striking appearance. Their rosy-shell-pink, perfect flowers appear in August in great profusion; should be in every garden. Per pkt. 10c

312 **Herenles.** This new Aster comes to us from Germany, the birth place of so many beautiful Asters, and is considered the most magnificent Aster to date. It forms an imposing plant, making stems of from 15 to 20 inches long which begin to branch when about 4 inches high, bearing flowers of enormous proportions, sometimes 7 inches in diameter, and may best be compared with a huge Japanese chrysanthemum. The flowers are of the popular comet type and of the purest white; very double and hardly showing the yellow disk so common in large Asters. Per pkt. 25c

320 **Lavender Gem**, belonging to the comet type, with very large, long and loosely arranged petals, forming a most artistic flower. Growing about 2 feet high they bear their beautiful clear lavender blossoms on long, slender yet stiff stems, a jewel among asters. Per pkt. 20c

360 **Purity**, the same in every way as the Daybreak Aster, of the same symmetrical growth, but of a pure glistening white. Per pkt. 10c

410 **Snowdrift**, a very early and exceptionally beautiful Aster, with large, handsome, plumy flowers of the purest white on long and strong stems. The finest and most valuable early Aster for cutting. This Aster is of American origin and specially suited for our trying climate. Per pkt. 15c

One each of above Aster, 70c.

SWEET ALYSSUM.

"Little Gem" or "Carpet of Snow."

161 This type is so much superior to the common kind, that it deserves to be planted in masses for edging wherever a short, thick growth is wanted. It grows only to a height of about 4 inches and is covered all season with close, round, pure white flowerheads, deliciously scented. especially valuable for low borders and will make a compact white line early in season and increase in width and snowy whiteness each week. Per pkt. 5c, per $\frac{1}{4}$ oz. 15c, per oz. 50c.

CALLIOPSIS BICOLOR NANA.

"Golden Ray."

551 All the annual Calliopsis are great favorites on account of their marvellous profusion of bloom and this new kind is no exception in this popular family. The petals are gracefully turned back, forming a tube much like a Cactus Dahlia. The color is a warm chestnut brown, extending over half the petals, changing into a bright golden yellow at the tip. The plant is of very dwarf, bushy growth and almost smothered with flowers the entire summer. It is easily raised from seed sown in the open. Per pkt. 20c

GIANT MARGUERITE CARNATIONS.

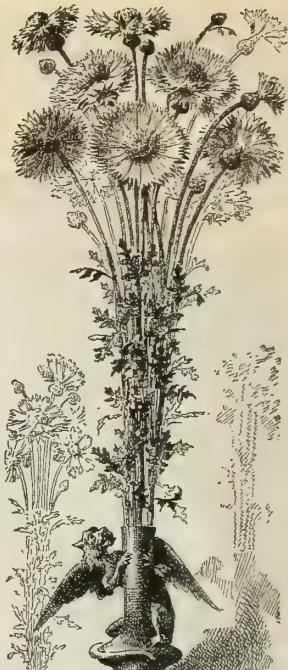
628 This class produces very large and beautifully shaped flowers about ten weeks after sowing, continuing to bloom till late into the fall. They are of a delicious fragrance and rival many of the greenhouse varieties in beauty. Excellent for cutting and should be planted largely by all lovers of this popular flower. Per pkt. 10c



Calliopsis "Golden Ray."

CENTAUREA IMPERIALIS "GIGANTEA."

668 This magnificent new Cornflower or Royal Sweet Sultan is of exceptional tall growth, attaining a height of almost 5 feet and bears its large, pure white, sweetly scented flowers on strong, stiff stems over 2 feet long. The flowers are of the same elegance as the now so well known Royal Sweet Sultans and are remarkable for its lasting qualities when cut, and it seems that this new race stands the hot weather by far better than all the others. Per pkt.....20c



Centaurea Imperialis
"Gigantea."

CAMPANULA CALYCANTHEMA.

"Cup and Saucer Canterbury Bells."

Belonging to the perennial plants of tall stately growth, with numerous large flowers, shaped like a cup and saucer. They bloom in summer for a long time and are great favorites with all lovers of flowers. Exquisite for the hardy border.

560 Blue.....	Per pkt, 10c	566 Striped.....	Per pkt, 10c
565 Rose.....	Per pkt, 10c	567 White.....	Per pkt, 10c
569 Collection of the 4 colors, 30c.			

CELOSIA PLUMOSA THOMPSONI MAGNIFICA.

656 This feathered Coxcomb is certainly one of the finest annuals we can plant in our garden. Of stately and symmetrical growth with their richly colored plumes waving in the air, they are of striking beauty and should be in every garden. They are elegant for cutting and will last a long time. Per pkt.....10c

COSMOS. (Klondyke.)

770 The Cosmos are popular with all, their graceful foliage rivaling in beauty with a delicate fern and the large, elegantly formed flowers are useful as cutflowers and add a charm to our garden at a time when flowers are extremely scarce. This "Klondyke" should be sown rather early, preferably in the house and planted in a warm and protected locality, it will bloom in July. The flowers are medium sized and of a deep golden yellow color, exceedingly rare amongst flowers. Per pkt.....10c

DAHLIAS.

810 **Collerette** (for illustration see under Dahlia roots.) This magnificent variety came to us from France a few years ago and is certainly so odd and beautiful that it will be much admired by all. It comes pretty true from seed and will bloom the first year if sown early in May in the open ground. It belongs to the single class, and while the outer petals are mostly of a dark shade the collar or inner petals are always of the opposite color, forming a beautiful contrast. Per pkt.....15c



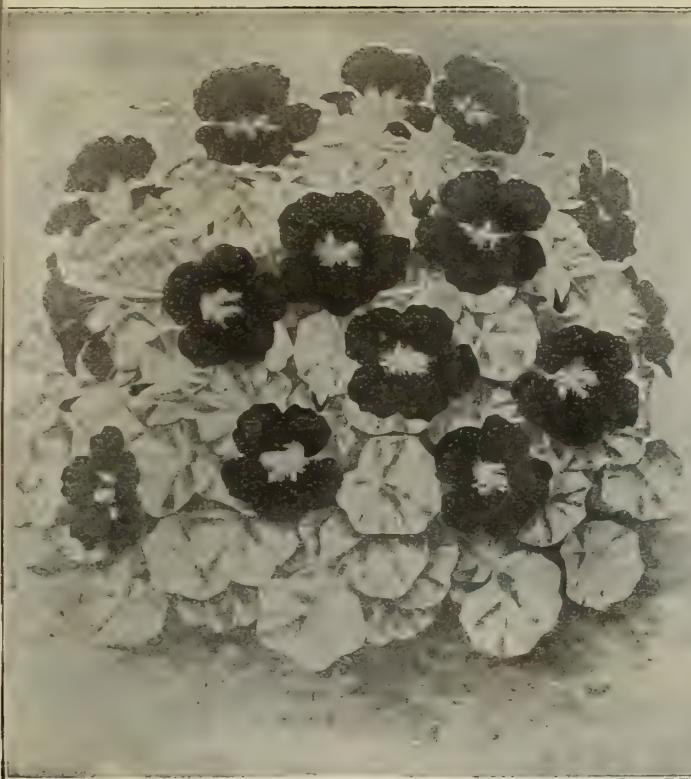
Dianthus "Snowdrift."

813. **Colossal**, a forerunner of an entirely new race of startling dimensions, reminding us of Mammoth Sunflowers. It puts all previously known single Dahlias completely in the shade, the flowers measuring even under ordinary conditions 8 inches in diameter. There are two rows of petals, the inner row being shorter and overlapping the outer row. The petals are very wide and long, forming a flower of good substance, excellently suited for cutflowers and in spite of the enormous size they possess a grace exceedingly charming. It is as easily raised from seed as a Zinnia and should be tried by all lovers of flowers. Per pkt...25c

DIANTHUS. (Pinks.)

851 **Vesuvius**, a selection of the annual fringed pinks of an intense scarlet with just the slightest shading of orange, a fairly dazzling color in full sunshine and absolutely new and distinct. The flowers are deeply fringed and of large size on stems 10-12 inches long and appear in great profusion, which makes this class so very valuable, either for cutting or bedding. Per pkt....20c

852 **Snowdrift**, a very double form of the annual fringed pinks, grows about 12 inches high, is robust, branches freely and produces its magnificent snowy white flowers very abundantly. The large flowers are of perfect form and measure between 3 and 4 inches across, are extra double, with deeply cut petals and are said to be one of the best Dianthus, blooming the entire summer and rivaling in beauty and usefulness the finest fancy Carnations. Per pkt.....20c



Nasturtium, Queen of Tom Thumbs.

DOUBLE EVERBLOOMING HOLLYHOCK.

1120 This strain of Hollyhock has only been introduced a few years and has made so many friends since that it should not be missed in any garden. It dispenses to a certain extent with the trouble of growing the plants for one year before enjoying its flowers, as this new kind blooms very readily the first season from seed sown in spring in the open ground. The perfection of the flowers is almost the same as in the old well-known type and the colors range through all the different shades of black, yellow, pink, rose and scarlet. They begin to bloom in July and keep on to flourish till late in the season. Per pkt.....25c

DOUBLE EVERBLOOMING FRINGED HOLLYHOCK.

1121. The same in every particular as the preceding, but with fringed petals and much more double flowers than the Allegheny Fringed Hollyhock. Per pkt.....25c

TALL STOCK FLOWERED LARKSPUR.

A selected strain of the branching Larkspur, forming beautiful pyramids of plants, blooming almost the entire season.

1200	Dark Blue	Per pkt, 5c
1202	Light Pink	Per pkt, 5c
1204	Lilac	Per pkt, 5c
1207	White	Per pkt, 5c
1208	Mixed Colors	Per pkt, 5c
1209	Collection of the 4 Colors	15c

CLIMBING NASTURTIUM.

"Black Prince."

1605 A very handsome variety of the Lobbianum strain with flowers of the most intense deep crimson, almost black, very free flowering. Per pkt....20c

DWARF NASTURTIUM.

"Queen of Tom Thumbs."

1520 Unquestionably the most striking of all the Dwarf Nasturtiums introduced during the last few years and of such perfection in every respect that it will cause admiration from anybody. The flowers are of a bright crimson, while the foliage is of a silvery white variegated with green, making one of the most beautiful contrasts imaginable. It is of very dwarf and compact growth and when used as bedding plant, will be found a great acquisition. Per pkt. 20c.

PHLOX DRUMMONDI.

Dwarf Large Flowered Kinds.

This is a dwarf growing strain with very large flowers, and will certainly be a welcome addition for our gardens, where plenty of color is wanted the whole year around.

1886	Crimson	Per pkt, 10c
1888	Dark Blue	Per pkt, 10c
1890	Deep Pink	Per pkt, 10c
1892	Scarlet	Per pkt, 10c
1894	White	Per pkt, 10c
1898	Mixed Colors	Per pkt, 10c
1899	Collection of the 5 Colors	35c

PANSIES.

1760 **Andromeda.** This new Pansy surpasses all late introduction by far through its elegance and remarkable beauty. The single petals are gracefully curled and waved, giving the flower the appearance of being double. The flower is of largest size and of a delicate apple-blossom color with a light hue of soft lavender, the four upper petals being veined with deep blue, while the lower one has deep pink veins. Per pkt.....25c

1805 **Gold Medal Mixture,** a strain with marvelous markings, composed of shades of brown, black, bronze, canary, chocolate, light blue, violet, indigo, orange, yellow, chestnut, marbled, mottled and white and we are confident that they will give satisfaction. Their texture is firm and of remarkable freedom of bloom. $\frac{1}{8}$ oz. \$1.25; per pkt. 50c

1809 **Giant Flowered Parisian Mixed.** This class is distinguished by its marvelous size and magnificent markings. They usually have a large, dark blotch on each petal, surrounded by a broad band of a contrasting color, while a lighter netting is thrown over the whole flower. Flowers of $3\frac{1}{2}$ inches in diameter are a usual occurrence under good cultivation. $\frac{1}{8}$ oz. 75c; per pkt.....25c



Pansy "Andromeda."

POPPY.**"Miss Sherwood."**

1973 A beautiful kind of the annual Poppies, satiny-white in the center, going into chamois-rose overlaid with a silvery hue, of most charming effect.....Per pkt. 10c

SALVIA PATENS.

2140 Of all the blue flowers we believe that this one has the most magnificent coloring. The blooms are not produced in such a profusion as on the well-known Scarlet Sage, but the beauty of its brilliant blue spikes counterbalances the quantity fully. Per pkt.....15c

**SCHIZANTHUS
WISETONENSIS.**

2190 Forms bushy plants about 18 inches high, literally covered with small orchid-like flowers, which on a white ground are dotted with delicate rose, the upper lip showing a big blotch; varying between golden yellow; carmine, rose or brown.....Per pkt. 20c



Schizanthus Wisetonensis.

**SALPIGLOSSIS
SUPERBISSIMA.**

2135 This variety of the popular Salpiglossis has very large flowers, which are beautifully veined with deep throat. They bear a large bouquet of flowers on the summit. Per pkt.10c

**LARGE FLOWERING
SWEET SCABIOUS.**

This beautiful annual deserves to be grown to a much larger extent. Their flowers are at their best when many others of our favorites are beginning to fade, and stand the early frosts without being hurt. Our strain is of the largest flowering type.

2160 **Double Crimson**....Per pkt, 5c
2162 **Double Flesh Pink** Per pkt, 5c
2164 **Double Purple**....Per pkt, 5c
2166 **Double Scarlet**....Per pkt, 5c
2167 **Double White**.....Per pkt, 5c
2168 **Double Mixed Colors**...pkt, 5c
2169 **Collection of 5 Colors**....20c

**GOLD MEDAL COLLECTION OF EIGHTEEN BEST VARIETIES OF
SWEET PEAS.**

We believe this collection to be the finest selection of 18 Sweet Peas which can possibly be put together. It contains all those varieties which have been considered the best by the **National Sweet Peas Society of England**, the ruling authoritative body on Sweet Peas, considering their color, shape, size and all such qualities as are necessary in first-class Sweet Peas.

2280 **America**, crimson-scarlet striped on white, large size, open form.
 2290 **Black Knight**, very deep maroon, with almost black veins on the middle of the standard.
 2301 **Blanche Ferry, Extra Early**, standard bright carmine rose, wings white tinged with pink, medium size, open form, very early.
 2305 **Coccinea**, cherry-red, half hooded, medium size, very bright and effective.
 2325 **Dainty**, white, daintily edged with pink, very large.
 2330 **Dorothy Eckford**, pure white, the largest and finest white in existence.
 2340 **Duchess of Sutherland**, white tinted pink, medium size, hooded form.
 2345 **Duke of Westminster**, standard buff tinged pink with blotch of heavier pink at the base. Wings pink.
 2365 **George Gordon**, claret-red, large size, hooded form.
 2395 **Hon. Mrs. E. Kenyon**, light primrose, very large, half hooded, the largest and best of this shade.
 2400 **Jeannie Gordon**, standard rose with deeper veins on primrose ground, wings primrose tinged with pink.

2405 **King Edward VII**, crimson-scarlet throughout, the largest and finest in this color.
 2410 **Lady Grisel Hamilton**, standards mauve, wings lavender, very large, hooded form, the largest and best lavender.
 2435 **Miss Willmott**, standard orange pink with deeper veins, wings rose tinted orange, very large, half hooded form.
 2445 **Mrs. Walter Wright**, deep mauve, an exquisite shade, very large.
 2450 **Navy Blue**, indigo blue shading to brighter, medium size, half hooded form.
 2455 **Prima Donna**, pure pink, large, hooded form, the best of the light pinks.
 2460 **Prince of Wales**, rose-crimson, the largest and finest of this color.
 Price—Any of the above, 5c pkt, 10c per oz., 25c per $\frac{1}{4}$ lb., 75c per 1 lb.
 2479 **Collection** of a packet each of the 18 "Gold Medal Sorts" 50c, 1 oz. of each \$1.00.

THE TWO BEST NEW SWEET PEAS.**Evelyn Byatt.**

2361 The originator, who has given us several very valuable Sweet Peas, describes this as a self gorgeous, having a rich orange-salmon standard with wings just a trifle deeper in color, giving a rich fiery orange or deep sunset color to the whole flower, very striking and unique. It has caused a great sensation wherever shown during the past year in England and is unquestionably the finest and richest Sweet Pea yet brought out and can be recommended with confidence as perfectly fixed in character and as one which will be largely used for cutting. Per pkt.25c

Phyllis Unwin.

2454 A giant among Sweet Peas, a deep rosy carmine self with all the grand points of Gladys Unwin, the same wrinkled and wavy standard and broad wings, but with a larger flower, produced 3 or 4 on a stem. Per pkt....25c

VERBENA COMPACTA CARNEA.

2571 A very dwarf and compact growing Bush-Verbena—with large trusses of pure, flesh colored flowers, a shade previously unknown in this class. Magnificent for border or bedding in masses. Per pkt.....20c

LIST OF RELIABLE FLOWER SEEDS

For Specialties and Novelties See Pages 43 to 46.

Our list of Flower Seeds has been largely increased and is now very extensive, containing all valuable varieties. The various strains are of highest quality and have been procured REGARDLESS of PRICE from the NOTED SPECIALISTS here and abroad, and we are satisfied that no better seeds can be purchased.

When ORDERING it is only necessary to give the corresponding number, viz.: 2pkts. 120, 10c, means 2 pkts. *Aconitum Napellus*, 10c.

We give NO PREMIUMS, but give EXTRAS with each cash order for flower seeds amounting to 50c or over.



A butilon.

ABRONIA.

(Sand Verbena).

A pretty, trailing annual with clusters of Verbena-like flowers sweetly scented. Specially suitable for rockeries, blooming all Summer.

100 *Umbellata*. Rosy lilac with white eye. Per pkt.....5c

ABUTILON.

(Chinese Bellflower, or Flowering Maple).

A perennial shrub of easiest cultivation, growing very rapidly and producing its large, drooping, bell shaped flowers of various colors in greatest profusion. Must be kept during the Winter in the house or conservatory, where they will bloom abundantly the entire Winter. They will make nice blooming plants the first year if sown before April.

109 *Finest Single Mixed*. Per pkt.....19c

ACHILLEA.

112 *Ptarmica fl. pl.* (Double White Yarrow.) Hardy, perennial, and one of the best white blooming plants for the Summer. They are hardly ever out of bloom, covering the two-feet high plants completely with their small, pure white flowers. Indispensable for a hardy border or cemetery. Will bloom the first year if sown early. Fine for cut flowers. Per pkt.....10c

ACONITUM.

(Monk's-Hood or Wolfsbane).

120 *Napellus*. One of the most beautiful hardy perennials for half shady positions, growing about 4 feet high and producing its deep blue flowers on long, slender spikes. No garden should be without them; one of the best subjects for naturalizing along shady walks. Pkt....5c



Ageratum, "Blue Perfection."

ACROCLINIUM.

A very graceful annual "Everlasting" with small aster-like flowers of white or rosy pink, growing about 15 inches high. The flowers may be kept for years in perfect condition if cut before fully expanded. Belongs in every old fashioned garden and should be sown right in the open border.

Per pkt. 128 *Single Mixed*.....5c 129 *Double Mixed*.....5c

ADLUMIA.

(Mountain Fringe or Allegheny Vine).

135 *Cirrhosa*, a biennial climber, exceedingly graceful, with fine feathery foliage which much resembles that of the well known Maiden Hair Fern. The rosy colored flowers are of tubular shape and cover the plant completely. It is very desirable for covering trellises, old stumps of trees and the like, growing 15 feet in a season. Per pkt.....10c

AGERATUM.

(Floss Flower).

There are few plants so useful for bedding and which flower in such profusion till frost. Their foliage is completely hidden by the lovely flowers the entire Summer, sun or rain having no effect on them. They may be sown right in the open, but by starting the plants in hotbeds or the house and transferring to the open ground in May, a much longer period of bloom may be had.

150 *Blue Perfection*. Deep amethyst blue, of compact growth, very large flower trusses. Per pkt.....10c

152 *Little Blue Star*. A very dwarf and exceptionally handsome new kind, very even in growth, not over 5 inches high. The flossy bright blue flowers are produced in such a profusion that they fairly smother the plant, lasting till late in Autumn; best variety for edging. Per pkt.....10c

154 *Imperial Dwarf Blue*. Bright blue. Per pkt.....5c

155 *Imperial Dwarf White*. Per pkt.....5c

156 *Princess Victoria Louise*. Of very dwarf, compact growth, with large sky-blue flowers; one of the finest bedding kinds. Per pkt...10c



Alyssum, "Little Gem."



Amaranthus Caudatus.

AGATHAEA.

140 **Coelestis** (Blue Daisy or Marguerite), a beautiful plant for the garden or greenhouse in winter, with Daisy-like sky-blue flowers, fine for bedding in summer and very valuable as a cutflower in winter; deserves to be general known. Per pkt.....10c

ALYSSUM. (Mad Wort).

Beautiful little plants for bedding, vases, hanging baskets, edgings or the rockery, blooming profusely all summer and very valuable for winter flowering.

160 **Maritimum** (Sweet Alyssum), the well-known favorite of trailing habit, blooming profusely all summer. Oz. 25c; per pkt.....15c

161 **Little Gem** or **Carpet of Snow**, decidedly superior to the above, of very dwarf compact habit, covering the ground with a perfect white mass. They start into bloom when very small and keep on producing its closely set white flowerheads till frost, the plant forming a regular circle 12-18 inches in diameter, very fragrant; the best for edging. Oz. 50; per pkt.....15c

AMARANTHUS.

Annuals growing from 3 to 5 feet high, very effective with their brilliant foliage and bearing curious racemes of flowers. Should be sown in the open with plenty of room to develop their full beauty.

170 **Caudatus** (Love Lies Bleeding) 3 feet, blood red, drooping spikes. Per pkt. 5c

173 **Salicifolius** (Fountain Plant) the popular name gives the best description of this graceful annual of pyramidal drooping habit. Per pkt.....5c

176 **Tricolor Splendens** (Joseph's Coat), the leaves are red, yellow and green of a very brilliant coloring, growing 3 feet high, of beautiful ornamental value. This variety is a great improvement of the common "Tricolor." Per pkt.....5c

AMPELOPSIS.

180 **Veitchii** (Boston or Japan Ivy), the finest and most popular perennial climber for covering stone or brick walls, houses, churches, etc., notwithstanding our rough winter without any protection. The large, light, green leaves turn to a vivid scarlet in the autumn. Per pkt.10c

ANTIRRHINUM. (Snapdragon.)

There are few biennials, which could rival these in beauty and usefulness. They are without question one of the best cutflowers and can be grown without much trouble. Their long, slender spikes with the large flowers of magnificent glowing colorings are exceedingly graceful and a continuous source of pleasure all summer. They succeed best in a sunny position and are not very particular as to soil:

190. **Giant Pink**.....Per pkt. 5c 195. **Giant White**.....Per pkt. 5c

193. **Giant Scarlet**.....Per pkt. 5c 196. **Giant Yellow**.....Per pkt. 5c

194. **Giant Striped**.....Per pkt. 5c 198. **Giant Mixed Colors**.....Per pkt. 5c

199. Collection of five Giant-Flowering Colors.....20c

207. **Queen of the North**, fine for beds or borders, flowers large, pure white, growing only one foot high.....Per pkt. 5c

208. **Tall Mixed Colors**, an extra fine strain of beautiful colors.....Per pkt. 5c

209. **Dwarf Mixed Colors**, of dwarf growth, in a great variety of colors. Per pkt. 5c

AQUILEGIA. (Columbine.)

Hardy perennials specially suited for moister locations in the garden, or naturalizing along the edges of woods, shrubbery or under trees. They grow from 1 to 3 feet high; their unique spurred flowers hang gracefully on long, slender stems, and are very desirable as cut flowers for vases. The flowers appear in countless numbers during May and June and are exquisitely colored, ranging through all shades of blue, white, rose or yellow.

220. **Canadensis**, this is our native species, flowers scarlet and yellow, one of the brightest.....Per pkt. 10c

222. **Coerulea** (Rocky Mountain Columbine), deep blue and white, one of the best for naturalizing in woods.....Per Pkt. 10c

224. **Glandulosa**, light blue and white, very large flowers.....Per pkt. 10c

226. **Nivea Grandiflora**, extra large, pure white flowers, magnificent.....Per pkt. 10c

236. **Vulgaris**, the common blue variety—.....Per pkt. 5c

238. **Single Mixed**, a large variety of colorsPer pkt. 5c

239. **Double mixed**, a large variety of colors.....Per pkt. 5c



Antirrhinum.



Aquilegia Coerulea.

ARABIS.

(Rock Cress.)

250. **Alpina**, one of the very earliest flowering perennials. They are a mass of white as soon as the snow has disappeared, especially adapted for borders or the rockery. Their silvery foliage makes them very useful even in summer after they have stopped blooming.....Per pkt. 5c

For our Gold Medal collection of Sweet Peas see page 46.

ASPARAGUS.

260. *Plumosus nanus*, the most graceful of the climbing Asparagus, with foliage as fine as thread. Young plants are now generally used for jardinieres, and its usefulness as house plant growing under almost any conditions is unrivaled. They are excellent for cutting, and should specially not be missed in a conservatory....Per pkt. 20c
 262. *Sprengeri* (Emerald Feather), an equally desirable plant either for the house, hanging baskets or vases for outdoors in summer and house or conservatory in winter. The fronds or shoots when cut are indispensable for finer decoration, and will last a long time; readily raised from seed.....Per pkt. 10c

ASPERULA.

270. *Aurea setosa*, a very graceful little annual, growing about nine inches high and of easiest culture. The plants are completely covered during the summer with small light lavender, blue fragrant flowers; they are excellent for edging along walks.....Per pkt. 5c

ASTERS.

It is needless to dwell upon the beauty and usefulness of this, perhaps the best known annual, and we can hardly realize a garden however small without at least a few of these queens of our summer flowers. Their popularity is partly due to the ease with which they are raised and to the vigorous growth and sure success with which they repay the flower lover. By planting the different varieties flowers may be had from July till late in September.

They like a rich soil mixed with thoroughly decomposed manure, and may be sown any time from April till June in the open, or for early flowering sow in pots, flats or cold frames, transplanting them to the open as soon as weather permits.

Our strains of the various kinds are selected with great care and are the best that can be procured.

CHINA ASTERS.

280. **Double Mixed**, a mixture of many different kinds of various colors; 50c oz.....Per pkt. 5c

COMET ASTERS.

A very beautiful class of Asters, resembling the Japanese Chrysanthemum with their long wavy and twisted petals, which are gracefully formed into a loose yet densely double half globe. Growing 18 inches high and bloom in August.

290. **Carmine**Per Pkt. 10c
 292. **Dark Blue**Per pkt. 10c
 293. **Light Blue**Per pkt. 10c
 294. **Light Pink**Per pkt. 10c
 297. **White**Per pkt. 10c
 298. **Mixed**Per pkt. 10c
 299. **Collection of the 5 colors** .. 40c

GIANT COMET ASTERS.

Similar to the above, but with larger flowers, height 20 inches, blooms in August.

300. **Giant White**.....Per pkt. 10c
 305. **Giant Mixed**.....Per pkt. 10c

DAYBREAK ASTER.

310. A most beautiful branching Aster growing 2 feet high, flowers large and double, with slightly incurved petals on long, stiff stems, giving the plant a striking appearance. Their rosy shell pink perfect flowers appear during August in great abundance, desirable of a prominent place in every garden. 10c



Comet Aster.

LAVENDER GEM ASTER.

320. A variety of the Comet-type, with very large and long loosely arranged petals, forming a most artistic flower. They grow about 2 feet high, bearing their beautiful clear lavender blossoms on long, slender, yet stiff stems, a jewel among asters, blooms in August. Per pkt.....20c

OSTRICH FEATHER ASTERS.

A magnificent class of Asters belonging to the Comet class. The flowers are similar to the Comet, but have longer and broader petals, very free flowering, 15 inches high, bloom in August.

330. **Light Blue**.....Per pkt. 10c
 332. **Pink**Per pkt. 10c
 336. **White**Per pkt. 10c
 338. **Mixed**Per pkt. 10c

PAEONY PERFECTION ASTERS.

A very stately class of Asters, with large flowers, the petals of which are incurved, forming a perfect globe. Height 20 inches, bloom early in August.

340. **Crimson**Per pkt. 10c
 342. **Light Blue**Per pkt. 10c
 343. **Dark Blue**Per pkt. 10c
 344. **Pink**Per pkt. 10c
 346. **White**Per pkt. 10c
 348. **Mixed**Per pkt. 10c
 349. **Collection of the 5 colors** .. 40c

PURITY ASTER.

360. This is the same in every way to the Daybreak Aster, being of the same symmetrical growth, but of a pure glistening white instead of pink. Per pkt.....10c



Victoria Aster (See page 50).

QUEEN OF THE MARKET ASTERS.

This is the earliest flowering Aster and the one with which success is absolutely certain. They are fully three weeks earlier in bloom than any other and produce their large, well-shaped flowers on long, wiry stems; very valuable for cutting; 18 inches high, bloom in July.

	Pkt.	Pkt.	
370. Crimson	5c	374. Pink	5c
372. Dark Blue	5c	376. White	5c
373. Light Blue	5c	378. Mixed	5c
379. Collection of the 5 colors		20c	

SEMPLE'S LATE BRANCHING ASTERS.

A very superior late flowering Aster, extending the Aster season almost till frost. The flowers are large and loose, borne in greatest abundance on long, wavy stems. The plants form a strong growing bush, 2 to 2 1/2 feet high, the most valuable Aster for cutting, blooms in September.

	Pkt.	Pkt.	
390. Crimson	10c	395. Light Pink	10c
392. Dark Blue	10c	397. White	10c
393. Light Blue	10c	398. Mixed	10c
399. Collection of the 5 colors		40c	



Paeony Perfection Aster.



Auricula.

AURICULA

(Primula auricula.)

A well-known half-hardy perennial, a great favorite especially in England, the bright beautiful colored flowers growing in clusters appear in the early spring in greatest profusion.

460 **Mixed Colors.** Saved from a superior strain... 20 per oz.

BALLOON VINE.

(Love-in-a-puff.) Pkt.

470 A quick-growing annual climber, doing well in any soil in a sunny location; flowers are small and white; the seed is carried in small balloon-like balls. 20 per oz.....5c

BALSAM

(Lady Slipper).

An old-fashioned annual and great favorite with flower-lovers. They grow to perfection even in poor soil, making a stately and strong bush whose branches are closely set with brilliant colored double camellia-like flowers. They bloom from July till frost, but should not be sown before the weather is fully settled, as they are very susceptible to cold.

480 **Pink**5c
485 **Scarlet**5c
487 **White**5c
488 **Mixed Colors**5c

BRACHYCOME.

(Swan River Daisy).

510 A charming dwarf-growing and floriferous annual, covered during the greater part of the season with its pretty blue and white flowers; very suitable for edging or pots5c



Begonia Semperflorens.

SNOWDRIFT ASTER.

410 A very early and exceptionally beautiful Aster with large, handsome, plump flowers of the purest white on long and strong stems. The finest and most valuable early Aster for cutting. This Aster is of American origin, and should be in every garden, as it is specially suited for our trying climate.....Per pkt. 15c

VICTORIA ASTERS.

Massive and showy magnificent flowers with regularly overlapping petals, double up to the center. They are about 18 inches high, of beautiful pyramidal growth, blooming during August and September, carrying from 25 to 40 flowers of pure and clear colors. Fine for cutting.

	Pkt.
430 Crimson	10c
432 Dark Blue	10c
433 Light Blue	10c
435 Pink	10c
437 White	10c
438 Mixed	10c
439 Collection of the 5 colors	40c



Balsam.

BEGONIAS.

These are among our most beautiful and floriferous tender perennials, and are very valuable for bedding, especially where they can be benefitted with a partial shade during the afternoon. The "Semperflorens" class bear innumerable small flowers, often completely hiding the plant, while the flowers of the "tuberous-rooted" section are very large and of fairly dazzling colors. They should be sown inside, the sooner the better, and transplanted into small boxes or pots when large enough. After the weather has settled they may be planted outside.

490 **Semperflorens "Vernon,"** rosy carmine flowers, best for bedding.....10c

496 **Semperflorens, Mixed Colors.** This mixture contains all the best varieties, ranging in color from white to crimson.....10c

497 **Tuberous Rooted, Single,** Mixed25c

498 **Tuberous Rooted, Double,** Mixed25c



Browallia Speciosa Major.

BELLIS PERENNIS

(English Daisy).

A charming hardy perennial which produces its beautiful, double, bright colored blossoms in a bewildering profusion from the earliest spring till almost July. It is especially adapted for edging, growing only about four inches high.

500 **Longfellow**, large double pink flowers10c

507 **Snowball**, extra large pure white flowers10c

508 **Mixed Colors**; all colors, including crimson10c



Bellis Perennis Fl. Pl.

BROWALLIA

(Amethyst).

Blue bedding plants are very scarce, but in this one we have a plant which is so floriferous during the entire season, and the color of which is so intense, that it easily ranks first. It will grow freely in any rich soil and for best success it should be sown early in the house.

520 **Elata.** Large sky blue flowers with white center..5c

526 **Speciosa major.** A very large flowering variety of the most brilliant ultramarine blue; does finely for bedding, hanging baskets or vases; also valuable as pot plant for winter blooming15c

528 **Mixed Colors**5c

CALCEOLARIA.

Greenhouse plants producing in greatest profusion slipper-shaped, spotted and beautiful colored flowers; great favorites for decorating houses or conservatories. Our strains are absolutely the best procurable.

Per Pkt.

530 **Giant Self-colors, Mixed.** 25c
532 **Giant Spotted and Tigered, Mixed.** 25c



Calceolaria.

CALLIOPSIS.

It would be very difficult to find among the annuals another plant of such exceeding gracefulness and so desirable. It grows from one to two feet high and blooms in a marvelous abundance. The flowers are medium sized, with very bright colors, appearing singly on long, wiry, branching stems. They are excellent for cutting and should have a place in every garden.

550 **Coronata.** Large, pure yellow flowers, very showy and fine for bedding..... Per pkt. 5c

552 **Drummondii** (Golden Wave). Large golden yellow, with chestnut brown middle; of innumerable quantity. A solid bed of this will be a sight never to be forgotten. Pkt. 5c

553 **Nigra speciosa.** Dark, rich crimson, very beautiful. Per pkt. 5c

554 **Tinctoria.** Large golden yellow, with a garnet eye; very prolific. Per pkt. 5c

558 **Mixed.** A mixture of many choice varieties. 25c per oz.; pkt. 5c.



Calliopsis Tinctoria.

CANARY-BIRD VINE.

A very quick-growing, graceful climber, belonging to the Nasturtium family, the flowers of which bear a resemblance to a canary bird with its wings expanded..... Per pkt. 5c

CANDYTUFT.

(Iberis).

A well known annual grown in large quantities by florists for cut flower purposes. They should be sown right in the open border.

604 **Empress.** Large, pure white flowers, candelabra-like growth. Oz. 30c..... 5c
606 **Lavender** 5c
607 **White Rocket** 5c
608 **Mixed Colors** 5c



Calendula "Meteor."

CANNA.

(Indian Shot).

Canna are undoubtedly the grandest bedding plant for our climate. Seeds should be soaked in water before sowing.

610 **Large Flowering, mixed.** Many different colors..... 5c



Candytuft.

CAMPANULA.

(Bellflower).

Biannual and perennial plants which are great favorites with all lovers of flowers. They bear great masses of bell-shaped flowers, growing well in good rich soil; will bloom the first season if sown early. Should be planted in masses along shrubbery, where they will make a grand effect.

CANTERBURY BELLS.

(Campanula Medium).

Calycanthema (Cup and Saucer). One of the most valuable, with large flowers, resembling a cup and saucer.

Pkt.

560 **Blue** 10c
565 **Rose** 10c
566 **Striped** 10c
567 **White** 10c
568 **Mixed** 5c
569 **Collection of the 4 colors** 30c
577 **Single, Mixed** 5c
578 **Double, Mixed** 5c

587 **Persicifolia grandiflora, mixed** (Peach Bells). One of the finest of the hardy Bellflowers, growing two to three feet high; large blue and white flowers..... Per pkt. 10c

588 **Pyramidalis, mixed** (Chimney Bellflowers). A grand plant, with tall spikes of beautiful, large, bell-shaped blue and white blossoms; three feet..... Per pkt. 5c



Campanula Medium.



Centaurea Imperialis.

CARNATIONS.

These deliciously scented plants are general favorites with all and few there are indeed who do not know them. They are fine for bedding and excellent for pots during the winter, when a single flower will fill the room with its spicy odor.

MARGUERITE CARNATIONS.

A very desirable class which will bloom within eight weeks after planting, remaining in bloom way into the frost.

A choice assortment of colors. 5c

628 Giant Mixed Colors. A much improved strain with large flowers. 10c

638 Chabaud's Everblooming. Very large double flowers of strong growth, rivaling greenhouse grown carnations. 20c

CELOSIA.

Cristata or Cockscomb Varieties.

A desirable annual with flower stands resembling the cock's comb, of very easy cultivation.

640 Glasgow Prize. Very large crimson comb. 10c

648 Dwarf Mixed. A mixture of all colors. 5c



Celosia Plamosa.

CENTAUREA.

A class of very useful annuals for bedding or cut flowers; known also under the name of Cornflowers. Bachelor Buttons, Ragged Sailors, Sweet Sultan, or Dusty Millers; the last ones now being indispensable for bedding.

ROYAL SWEET SULTANS (Centaurea Imperialis).

It is not very many years since this magnificent annual was introduced, and yet it is known all over. The flowers are very graceful, sweet-scented, long stemmed, and will last almost two weeks when cut.

670 Lavender. 10c

674 Purple. 10c

675 Rose. 10c

677 White. 10c

678 Mixed. 10c

679 Collection of the 4 Colors. 30c

680 Suaveolens (Yellow Sweet Sultan). Large, bright yellow, very sweet. 5c



Shasta Daisy.

CORNFLOWERS (Centaurea Cyanus).

682 Blue. Dark blue. Oz. 25c. 5c

688 Mixed Colors. Oz. 25c. 5c

DUSTY MILLERS OR WHITE-LEAVED CENTAUREAS.

Largely used for bedding hanging baskets or vases. They are very effective for edgings.

660 Candidissima. Silvery white with broadly cut foliage. 10c

662 Gymnocarpa. The foliage of this variety is much finer cut. 10c



Chrysanthemum, Single Annual.

CHRYSANTHEMUM.

760 Frutescens (Paris Daisy or Marguerite). Tender perennial; pure white, fine for winter blooming. 10c

761 Frutescens "Comtesse de Chambord." Same as above, but yellow. 10c

763 Japanese Mixed. Saved from the finest double flowers. 25c

765 Maximum (Moonpenny Daisy). Hardy perennial, with large, pure white flowers and yellow center. 10c

766 Shasta Daisy. The largest of all the Moonpenny Daisies, of a pure glistening white; one of Mr. Luther Burbank's greatest creations. 20c

767 Single Annual Mixed. They are among our best garden flowers, blooming in the greatest profusion. 5c

768 Double Annual Mixed. 5c



Marguerite Carnation.



Cineraria.

CINERARIA.

A well known greenhouse plant producing its beautifully colored flowers in large, broad panicles in greatest abundance. A well grown plant in full bloom, with its intense coloring, will attract greatest attention from every one. Our strain comes from the best European specialists.

Per Pkt.

710	Large Flowering Gold Medal Dwarf Mixed.....	25c
711	Large Flowering Gold Medal Tall Mixed.....	25c
715	Polyantha (stellata) (Star Cineraria). Large spreading panicles two feet high, with innumerable starry flowers of gorgeous colors; they are the most showy plants for decorative purposes	25c

CLARKIA.

718 Pulchella Mixed. A charming annual, blooming during the entire season in greatest abundance; should be sown in the open border after weather is settled.....5c

COBAEA.

(Cups and Saucers Vine).

A rapid growing climber, very valuable for covering porches, trellises, tree-trunks, and will cling to any rough surface. The seed should be put in edgewise when sowing and covered lightly.

720 Scandens. Blue; large, bell-like, purple.....10c
721 Scandens. White

COLEUS.

(Flame Nettle.)

730 Hybridus Mixed. A tender annual used largely for bedding, where its brilliantly colored foliage is very effective. Our seed is obtained from a very choice strain.15c

CONVOLVULUS.

(Morning Glory.)

The old favorite, fast-growing climber which we meet in every garden; is satisfied with any soil and any position, producing its glorious and bright flowers in great masses.

747 Major Mixed.....
...Oz. 15c; Pkt. 5c
748 Minor Mixed, growing only one foot high....5c

COREOPSIS.

750 Lanceolata grandiflora. Unquestionably one of the finest hardy perennials, bearing its golden yellow flowers gracefully on long, slender stems high above the foliage. A patch or a row of them in bloom is certainly one of the grandest sights man can wish for.....10c

780 A magnificent, very early, hardy, spring flowering perennial, whose flowers of yellow, brown or purple are borne in umbels.....10c

DATURA.

(Trumpet Flower).

820 Cornucopia (Horn of Plenty). A magnificent kind with large flowers, 8 inches long by 5 inches wide, creamy white inside and purple outside; very fragrant; will bloom all summer.....5c



Cypress Vine.



Convolvulus.

COSMOS.

A gorgeous, tall growing annual, bearing its thousands of graceful flowers during the latter part of the summer and fall till frost. Its large single, pink, crimson or white flowers waving on their long stems amidst the finely cut foliage are a lovely sight, and few plants are equally valuable for cut flowers to decorate with. They grow five to six feet high, and are admirable for hiding unsightly fences. Seed should be sown in open ground in early May, or may be started in cold frames and transplanted to the open.

760 Giant Crimson ..10c
762 Giant Pink ..10c
766 Giant White ..10c
768 Giant Mixed ..5c
769 Collection of the four colors ..35c

770 Klondyke. A beautiful golden yellow; one of the finest yellow flowers in existence ..10c

772 Early Dwarf Mixed. This will begin to bloom in July ..10c



Cosmos.

COWSLIP (Primula Veris).

780 A magnificent, very early, hardy, spring flowering perennial, whose flowers of yellow, brown or purple are borne in umbels.....10c

CYCLAMEN.

(Persian Violet)

A very attractive plant for pots for winter or spring blooming. They can only be raised successfully in frames or greenhouses, forming a dwarf tuft of splendidly marked foliage, above which the elegant flowers appear in countless numbers. Our strains are from the best noted European specialists, and cannot be surpassed.

790	Giant Blood Red..25c
791	Pink ..25c
792	Rubin ..25c
793	Salmon ..40c
794	Pure White ..25c
795	White with Carmine Eye ..25c
796	Mixed ..25c
797	Mixed Colors. Ordinary large flowering type.15c
798	Papilio or Butterfly. The petals of this type are gracefully fringed and wavyed, making them exceedingly beautiful ..40c



Cobaea.



Dianthus Hedgewigii, sgl.

Under this heading we list the hardy perennial Larkspur, which, with their magnificent bright colored flower stands, make such desirable plants for the hardy border. They are unsurpassed as cutflowers for vases and we know of no other plants where the blue coloring especially is of such intensiveness.

830 **Chinense**, a beautiful variety, with colors varying in the different shades of blue, 24 inches. Per pkt. .5c
 831 **Chinense Album**, white. Per pkt. .10c
 835 **Elatum** (Bee Larkspur), various shades of blue with dark center, 3 to 5 feet high. Per pkt. .10c
 840 **Formosum**, a grand variety of silvery, rich blue with a white center. Per pkt. .5c
 841 **Formosum Coelestimum**, the finest light sky blue, magnificent. Per pkt. .15c
 847 **Hybridum Single Mixed**. Per pkt. .5c
 848 **Double Mixed**. Per pkt. .10c

DIGITALIS.

(Foxglove)

Very showy hardy perennials sending up tall spikes surrounded by long pending bell shaped flowers, giving the plant a most ornamental appearance. They are excellent for planting in masses, naturalizing on sloping terraces or near shrubbery.

880 **Gloxiniaeflora Mixed**, a fine selected, large flowering strain. Per pkt. .10c
 888 **Purpurea Mixed**. Per pkt. .5c



Eschscholtzia.

A splendid quick growing climber, producing long sprays of lavender, purple or white flowers, followed by dark shining seed pods, which with the bronze foliage make a beautiful combination.

890 **Blue**, violet purple to lavender. Per pkt. .10c
 891 **White**, a new white variety introduced from Japan, snow white, beautiful. Per pkt. .10c
 895 **Mixed Colors**, the above two colors in mixture. Oz. .15c; Pkt. .5c

DRACAENA.

(Dragon Plant.)

Beautiful ornamental-leaved plants, fine for vases and house decoration.

900 **Australis**, broad leaves. Pkt. .10c
 902 **Indivisa**, narrow foliage. Pkt. .10c

ESCHSCHOLTZIA.

(California Poppy.)

Charming annuals with bright glorious colors like gold, bloom in greatest profusion, their foliage is finely cut of light green. They should be sown in the open border in May and will keep in bloom the entire summer.

920 **Mandarin**, rich orange on the inner side and bright scarlet outside. Pkt. .5c
 927 **Single Mixed**, all colors. Oz. .25c. Pkt. .5c
 928 **Double Mixed**, all colors. Oz. .40c. Pkt. .5c



Dianthus Chinensis, double.

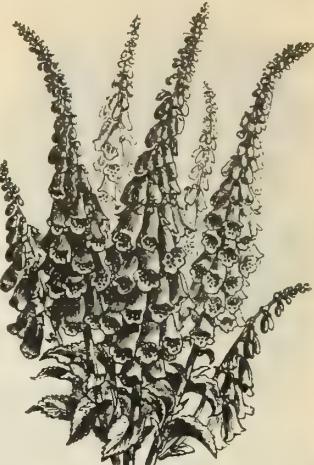
DAHLIA.

They are too well known to need any further description. They can easily be raised from seed sown in the open ground during the early part of May, and will almost bloom as early as those planted as roots or plants.

810 **Collerette**, a new type, having a row of different colored short petals like a frill or collar around the disc. Per pkt. .15c
 811 **Giant Perfection Mixed**, a very large flowering single strain of beautiful color combinations. Per pkt. .15c
 812 **Tom Thumb Mixed**, very dwarf and compact, fine for planting in masses. Per pkt. .10c
 814 **Single Mixed**, different kinds. Per pkt. .5c
 816 **Large Flowering Double Mixed**. Per pkt. .10c
 818 **Large Flowering Double Cactus Mixed**, from a very choice strain. Per pkt. .10c

DELPHINIUM.

(Larkspur.)



Digitalis.

ECHINOCYSTIS.

(Wild Cucumber Vine.)

910 **Lobata**, this is the quickest growing annual vine, making a most charming effect with its numerous Mignonette-like flowers, the best for covering old barns, fences, tree-trunks; will cling to any rough surface. Oz. .25c

DIANTHUS. (Pinks.)

A very popular and well known plant of easiest cultivation, producing great masses of beautiful colors during the entire summer. They may be sown out of doors during April and will commence blooming after only 6 weeks' old.

850 **Hedgewigii Single Mixed**, fine large single flowers. .5c
 858 **Imperialis Single Mixed**, a very selected strain. .5c
 860 **Chinensis Double Mixed**. .5c
 864 **Hedgewigii Double Mixed**. .5c
 868 **Imperialis Double Mixed**. .5c
 870 **Pumarius** (Pheasant-eye Pink), a beautiful hardy variety with fringed petals. .5c
 871 **Semperflorens Double Mixed**, an ever-blooming, hardy sort, very sweetly scented. Pkt. .20c

DOLICHOS. (Hyacinth Bean.)



Delphinium Chinense.



Gloxinia.



Gaillardia Grandiflora.



Globe Amaranth.

EUPATORIUM.

(Thorough-wort.)

Showy, hardy perennials well worth a place in every border. They grow very willingly in almost any soil and produce their flossy clusters of flowers at periods where there are few others. They are excellent for cutting, lasting a long time.

942. **Fraseri**, a dwarfer kind, grown in large quantities by florists, one of the best white cut flowers. Pkt....10c

GAILLARDIA.

(Blanket-Flower.)

Very showy annuals or perennials, with brilliant flowers produced in astonishing masses during the entire summer. The hardy kinds will bloom the first season if sown early and increase in beauty every year. Both are excellent for borders and will make a grand effect if planted in masses.

952 **Picta Mixed**, single annual kinds mixed. Pkt....5c

953 **Lorenziana, Double Mixed**, a fine mixture of annuals, very pretty. Pkt.....5c

958 **Grandiflora**, perennial.10c

GERANIUM.

(Pelargonium.)

Well-known, tender perennials, indispensable for bedding; they are the best suited bedding plants for our trying climate.

970 **Apple Scented**, great favorite on account of its fragrant foliage. Pkt.....10c

975 **Zonale Single Mixed**, the best bedding kind, a superb strain of largest flowering varieties. Pkt..10c

GLOBE AMARANTH.

(Gomphrena.)

980 **Globosa Mixed** (Bachelor's Button), very nice for the border, with small, ball-shaped flowers, which may be dried and used for bouquets in winter.

Gloxinia.

A very beautiful plant for the greenhouse, producing magnificent long, large, bell-shaped flowers with the most glowing colors. They form a tuber which may be used the following year.

990 **Large Flowering Mixed**, collected from an unsurpassable strain. **Gaillardia Lorenziana, Double Mixed.** Pkt.....25c



GYPSOPHILA.

Very floriferous plants, bearing its thousands of minute white flowers on long branching stems, forming a regular network of little flowers, they are admirable for cutting to be mixed with bouquets. Grow very easily from seed.

1050 **Elegans Mixed**, annual. Pkt.....5c

1051 **Paniculata** (Baby's Breath), hardy perennial Pkt.....5c

HELIANTHUS.

(Sunflower.)

Sunflowers are very showy and can be used very effectual for hiding unsightly corners, etc. Should be sown in the open ground in May.

1060 **Cucumerifolius** (Miniature Sunflower), small single flowers, 3 to 4 feet, yellow with dark disk. Pkt.....5c

1063 **Double Mixed Colors**. Pkt.....10c

1064 **Globosus Fistulosus**, very large and double.5c

1067 **Nanus f. pl.**, double. Pkt.....5c

1068 **Perennial Mixed Varieties**, a mixture of fine single flowering hardy kinds. Pkt.....10c

Helianthus cucumerifolius.



Helianthus globosus fistulosus.



Helianthus cucumerifolius.

GODETIA.

A beautiful annual, forming regular dwarf bushes, covered completely with bright showy flowers of various colors.

1000 **Mixed Colors**. Pkt.....5c

GOURDS.

Very ornamental, rapid growing climbers, suitable for covering arbors, fences, porches, etc., producing fruits of the most various and often very grotesque shapes.

1010 **Dish Rag or Sponge**. Pkt.....5c

1011 **Calabash or Dipper**. Pkt.....5c

1012 **Egg-shaped**, white like an egg. Pkt.....5c

1013 **Hercules Club**, 4 feet long, club shaped. Pkt.....5c

1014 **Orange** (mock orange). Pkt.....5c

1015 **Pear**, striped. Pkt.....5c

1016 **Serpent**, very long and twisted. Pkt.....5c

1017 **Turk's Turban**, striped with red. Pkt.....5c

1018 **Sugar Trough**. Pkt.....5c

1019 **Mixed Kinds**, Oz. 20c. Pkt.....5c

1020 **Collection of the 9 Sorts**.....35c

GREVILLEA.

(Silk Oak.)

1035 **Robusta**, very ornamental and graceful decorative plant, nice for the center of a table, very effectual. Pkt.....10c

GRASSES.

Ornamental Grasses used in the proper proportion will help considerably to make large groups of flowering Cannas, Caladiums, etc., effectual, and planted by themselves will make a very striking appearance.

1040 **Coix Lachrymae** (Job's Tears), broad leaves, bright shining seeds like pearls. Oz. 15c. Pkt.....5c

1046 **Pennisetum longistylum**, long, graceful, greenish white plumes, fine for bouquets, 2 feet. Pkt.....5c

1047 **Rueppelianum** (Purple Fountain Grass), beautiful, graceful purple plumes, the most effectual for planting out in mixed beds or by itself. Pkt.....10c



Hollyhock.



Heliotrope.

Lantana.

HELICHRYSUM. (Straw Flower).

Charming annual with "Everlasting" flowers with bright colors and shape of an Aster. Sow outdoors in May where they will get plenty of sun.

1070 Giant Double Mixed. Per pkt. 5c

HELIOPSIS. (Orange Sunflower).

Effective, hardy perennial, growing 4 feet high; flowers resembling a small sunflower, of beautiful deep golden yellow with dark center. Appear in great masses in July and keep on coming for a long time.

1080 Pitcheriana. Fine for cutting; very floriferous. Pkt. 10c

HELIOTROPE. (Cherry Pie).

A tender perennial which produces its delightful vanilla-scented flowers throughout the whole year. The small flowers are borne in clusters; very desirable as cut flowers. Sow outdoors in early May or start in the house or cold frame for transplanting outside by approach of warm weather.

1097 Mixed Colors. Pkt. 5c

1098 Lemoine's Giant Mixed. Flowers and trusses very large. Pkt. 10c

HEUCHERA. (Alum Root).

An exceedingly graceful hardy perennial growing about 1 foot high, with innumerable flowers, blooming in spring

1100 Sanguinea, bright crimson. Pkt. 10c

HOLLYHOCK. (Althaea rosea).

There is no other plant with which such gorgeous effects may be attained as with those gorgeous and imposing hardy perennials, their tall, 6 to 8 feet high flower stems, surrounded by the large and magnificent blossoms, look like a skyrocket standing in the air.

1110 Double Crimson. 10c 1113 Double Pink. 10c

1111 Light Yellow. 10c 1114 Rose. 10c

1112 Maroon. 10c 1115 White. 10c

1116 Double Mixed, a choice mixture. 10c

1117 Fringed Allegheny, mammoth flowers. 10c

1118 Single Flowering Mixed. 10c

1119 Collection of 6 Double Colors. 50c

HUMULUS. (Hops).

1126 Japonicus (Japanese Hops). An exceedingly fast growing and handsome climber, very valuable for covering porches and unsightly places. 5c

1127 Japonicus variegatus. Same as above; foliage striped and speckled with white. 5c

HUNNEMANNIA.

(Giant Yellow Tulip Poppy).

1130 Fumariaefolia. A glorious annual with large yellow cup-shaped flowers, produced in greatest profusion till frost. The foliage is finely cut and of a glaucous color. 10c

IBERIS. (Candytuft).

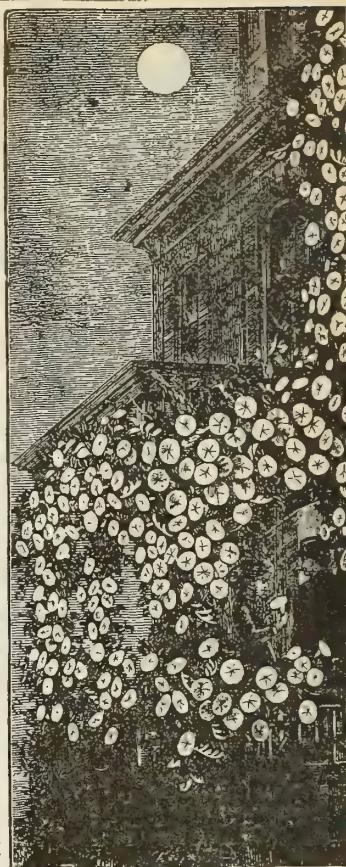
1140 Sempervirens (Hardy Candytuft). Hardy perennial, being literally covered with its pure white blossoms in early spring. An excellent plant for edging or rockery. 10c

IMPATIENS. (Balsam).

1150 Sultani (Sultan's or Zanzibar Balsam). This is perhaps the best plant for shady places, as between houses or under trees, producing its bright colored, carmine flowers in phenomenal masses. It makes a very valuable pot plant for winter blooming in the house or conservatory. 15c



Larkspur.



Ipomoea grandiflora.

IPOMOEA.

Very rapid growing climbers, with magnificent large brilliant flowers, invaluable for covering porches, trellises, barns and other homely places.

1160 Grandiflora (Moon Flower). A well known plant, unfolding its large, pure white, sweet scented flowers after sundown, very interesting to watch; grow very quickly and will cover a large surface within a few weeks. 10c

1165 Imperialis (Japanese Morning Glory), of all the different climbing plants these take first rank. The most handsome of all the Morning Glories and of easy cultivation. Sow the seed outside in early May, after soaking for a day in tepid water. They will soon cover a large surface and glory every morning in their most magnificent flowers of exquisite colors and gigantic size. We look in vain for such rich colors in other flowers. Some are deep, rich, velvety; others daintily tinted and shaded from soft rose to crimson, light blue to purple, snow white to gray, blotched and spotted. Oz. 30c; pkt. 5c

1166 Rubro-coerulea. Immense flowers, sky blue. 10c

KOCHIA.

(Standing Cypress or Belvidere).

1180 Scoparia. A pretty annual forming a close, cypress-like bush about 3 feet high. Admirable for forming hedges, which by approach of autumn turn to a deep red. 5c

LANTANA.

1188 Hybrida Mixed. A half-hardy, perennial green house plant, well suited for bedding. The musk-scented flowers are produced in large umbels in countless numbers, their coloring being of quite distinct tints of red, orange, rose or white. Pkt. 10c

LARKSPUR.

A charming annual, with long spikes of magnificent flowers and graceful fern-like foliage. (For hardy Larkspur see Delphinium.)

TALL STOCK FLOWERED.

1200 Dark Blue. 5c 1207 White. 5c
1202 Light Pink. 5c 1208 Mixed Colors. 5c
1204 Lilac. 5c
1209 Collection of the 4 colors. 15c

LATHYRUS. (Hardy or Everlasting Sweet Pea).

A favorite perennial climber for covering fences or trellises; also useful for the rockery, with bright flowers appearing in clusters of from 4 to 6 to a stem.

1219 *Latifolius*, purplish red...5c 1221 *Latifolius*, white. Pkt...5c
1220 *Pink Beauty*, bright pink.5c 1228 *Mixed Colors*. Oz. 30c....5c

LAVANDULA. (Lavender).

1230 *Vera*, a sweet scented, hardy perennial, of delicious fragrance; an old-fashioned plant; should be in every garden. Oz. 20c. Pkt....5c

LINUM. (Flax).

1240 *Grandiflorum rubrum* (Scarlet Flax), a showy annual, growing about 15 inches high, with brilliant scarlet flowers on long slender stems. The foliage is very fine, making it a very graceful plant..Pkt.5c

LOBELIA.

The annual varieties of this invaluable bedding plant are very important for design planting, hanging baskets, window boxes or pots, blooming in a marvelous profusion the entire season. The perennial kinds are very imposing and should be in every hardy border.

1250 *Erinus Emperor William*, very compact, bright blue...Pkt.....5c
1252 *Speciosa* (Crystal Palace), deep blue dark foliage, trailing. Pkt. 5c
1255 *Dwarf Mixed Kinds*. Pkt.....5c
1256 *Crystal Palace Compacta*, fine, rich blue, very compact. Pkt...10c
1257 *Heterophylla major*, very large flowers of a brilliant sky blue, with a clear white eye, the best continuous bloomer, forms close, compact bushes 6 inches high. Pkt.....10c
1260 *Cardinalis* (Cardinal Flower), a tall growing kind, 3 feet high, with large, crimson scarlet flowers. Pkt.....10c

LOPHOSPERMUM.

1270 *Scandens*, a beautiful annual climber, very ornamental, with rosy-purple gloxinia-like flowers. Pkt.....10c

LUPINUS. (Lupins).

1280 Annual *Mixed*, stately free flowering annuals, doing well in a sandy soil, with long, graceful spikes of various colored pea-shaped flowers encircling the stems; a beautiful plant. Oz. 25c. Pkt..5c

LYCHNIS.

1290 *Chalcedonica* (Jerusalem Cross). Magnificent hardy perennial, for naturalizing in low places and exceedingly ornamental in the hardy border, growing from 2 to 4 feet tall and surmounted with a big bouquet of brilliant scarlet cross-shaped flowers. Pkt.....5c



Mignonette "Machet."



Matricaria Capensis Fl. Pl.



Marigold.

MARIGOLD.

Old-fashioned favorites and unsurpassed for usefulness by any other annual. The freedom with which they produce their odd-colored, bright flowers, standing out boldly from the fresh green, makes them indispensible in any garden.

1310 *African El Dorado*, very large and double, all shades of yellow. Pkt.....5c

1315 *Pride of the Garden*, immense flowers, golden yellow, 15 to 18 inches high. Pkt.....5c

1318 *Mixed Colors*. Pkt....5c

1320 *French Gold Striped*, brown red with golden yellow stripes, 1 foot. Pkt.....5c

1325 *Legion d' Honneur* (Little Brownie), a single and very dwarf compact variety, deep golden yellow with a large spot of crimson velvet. Pkt.....5c

1328 *French Mixed Colors*, many varieties in mixture. Pkt 5c

1329 *Collection of the 4 named varieties*15c

MATRICARIA.

1340 *Capensis fl. pl.* (Double White Feverfew.) A very beautiful perennial, producing thousands of small white flowers, burying the plant under a sheet of white; good either for culture in the open border or for pots. Pkt.10c

MAURANDIA.

A very graceful climber, much used by florists for filling vases, window boxes or hanging baskets, blooming from June till frost,

1350 *Barclayana*, purple. Pkt.....10c

1355 *Mixed Colors*. Pkt.....5c

MESEMBRIANTHEMUM.

1360 *Crystallinum* (Ice Plant), a favorite for hanging baskets or pots, small white flowers with thick icy foliage. Pkt.....5c

1362 *Tricolor* (Wax Plant), large brilliant flowers overlaid with a crystal sheen. Pkt....5c

MIGNONETTE. (Reseda).

A great favorite with all flower lovers on account of its delicious fragrance. Sowing should be made early in Spring and again in August, so as to have a succession of bloom the whole season.

1370 *Defiance*. One of the finest, with large, heavy spikes, deliciously scented, and perhaps the most valuable with every grower. Flower spikes 15 inches long are under favorable conditions common occurrence.10c

1373 *Goliath*. Undoubtedly the most beautiful Mignonette in existence; of compact growth, with long, stiff stems of crimson flowers.....15c

1376 *Machet*. An old favorite; fine for pots and cutting; with large, good colored flower spikes.10c

1380 *Miles' Hybrid Spiral*. Branching habit.....5c

1383 *Large Flowering Pyramidal*. A good red variety. Oz. 25c.....5c

1386 *Victoria*. A fine, large flower.....5c

1388 *Sweet Scented*. Small flowers, but very sweet. Oz. 15c.....5c

1389 *Collection of the seven varieties*.....45c

Mimulus Tigrinus.
(See page 58.)

MIMOSA.



Mirabilis.

1400 **Pudica** (Sensitive or Humble Plant). An ornamental annual with pinkish-white flowers, curious and interesting on account of the foliage closing and drooping when touched..... 5c

MIMULUS.

1410 **Moschatus** (Musk Plant). A perennial of dwarf creeping habit, with light green leaves and small yellow flowers; the foliage is very fragrant..... 5c

1412 **Tigrinus** (Monkey Flower). A pretty annual, producing its large, various colored flowers in greatest profusion throughout the summer .. 5c

MINA.

1420 **Lobata**. One of our best half-hardy climbing plants, producing its long, narrow, crimson to orange flowers in countless numbers; exceedingly effective. 10c



Nemophila.

MIRABILIS.

(Marvel of Peru, or Four-o'clock.)

1430 **Jalappa Mixed**. An annual which should be planted in every garden. They grow under any conditions, in any kind of soil, and are covered with a marvellous quantity of bright, sweet scented flowers. Per oz. 15c.. 5c

MOMORDICA.

An annual climber covering a large surface in a very short time, especially suited to hide old barns or other unsightly places. They are very effective, when the ripe golden yellow fruits open and show the shining seed and their brilliant crimson interior.

1440 **Balsamea** (Balsam Apple)..... 5c
1441 **Charantia** (Balsam Pear)..... 5c



Balsam Pear.

MUSA ENSETE.

(Abyssinian Banana).

1450 Undoubtedly our most majestic and tropical looking foliage plant, of very striking effect through its long, broad leaves, be it planted by themselves or in groups with old plants. It attains immense proportions in our hot summers, when placed in the open sun and planted in liberally manured soil. Seed should be sown early in the house, where heat can be applied, and the plants planted outside about the middle of May

NEMOPHILA.

(Love-grove).

1450 **Mixed Varieties**. A very freely blooming annual, of neat, compact habit; likes a cool and shady place, where it will grow very luxuriantly. May be sown outdoors, latter part of April or early in May..... 5c



Nigella.

NIEREMBERGIA.

(Cup Flower.)

1670 **Frutescens**. A half-hardy perennial of slender growth; continuously in bloom; fine for bedding...10c

NIGELLA.

(Love in a Mist.)

1680 **Damascena Double Mixed**. A dwarf floriferous annual, with finely cut foliage; of easiest cultivation.. 5c

For Novelties and
Specialties in Flower-
seed see pages 43-46.



Myosotis Alpestris.



Dwarf Nasturtium.

NASTURTIUM.

(Tropaeolum Majus).

There are no annuals surpassing the Nasturtium in usefulness and beauty, and we doubt that there is any one to whom they are unknown. They will thrive luxuriantly in any soil if in a sunny location, and produce their brilliant, sweet scented flowers in an abundance which is astonishing. Our collections have been selected with great care and special importance has been laid on bright and warm colors and prolific blooming, and we are satisfied that no selection can be any better.

DWARF OR TOM THUMB KINDS.

These are specially suited for bedding, and planted in rows will make beautiful sights when in bloom.

		Pkt. Oz.
1480	Aurora. Primrose, veined with carmine pink.....	5c 15c
1485	Beauty. Yellow, veined with scarlet.....	5c 15c
1490	Chameleon. Various colored flowers on a plant.....	5c 15c
1495	Empress of India. Bright crimson; dark foliage.....	5c 15c
1500	Golden King. Beautiful golden yellow.....	5c 15c
1505	King Theodore. Very deep crimson.....	5c 15c
1510	Pearl. Cream white	5c 15c
1515	Prince Henry. Light yellow, spotted red.....	5c 15c
1520	Queen of Tom Thumbs. Scarlet leaves, spotted with white.....	20c
1525	Rose. Soft rose	5c 15c
1530	Vesuvius. Salmon rose, dark foliage.....	5c 15c
1538	Finest Mixed Colors. Per 1/4 lb. 30c; 1/2 lb. 50c; 1 lb. 90c.....	5c 10c
1539	Collection of Ten Varieties. (All with exception of No. 1520).....	40c 1.25
1540	Lilliput, or Miniature. A dwarf, compact grower; very floriferous.....	5c 20c

TALL OR RUNNING KINDS.

They are elegant for covering fences, trellises, rockery, or trailing over the ground. They should not be planted too close; planted in hills at least two feet apart is close enough.

		Pkt. Oz.
1550	Chameleon. Various colored flowers on the same plant..	5c 15c
1555	Crimson. Very rich color.....	5c 15c
1560	King Theodore. Very deep crimson.....	5c 15c
1565	Lemon Yellow. Clear yellow, veined red.....	5c 15c
1570	Pearl. Creamy white	5c 15c
1575	Prince Henry. Light yellow, spotted red.....	5c 15c
1580	Rose. Soft rose	5c 15c
1585	Scarlet. Very bright	5c 15c
1590	Vesuvius. Salmon rose	5c 15c
1598	Finest Mixed Colors. Per 1/4 lb. 30c; 1/2 lb. 50c; 1 lb. 90c 5c 10c	
1599	Collection of the Nine Varieties.	35c 1.10

LOBB'S RUNNING NASTURTIUM.

(Tropaeolum Lobbianum.)

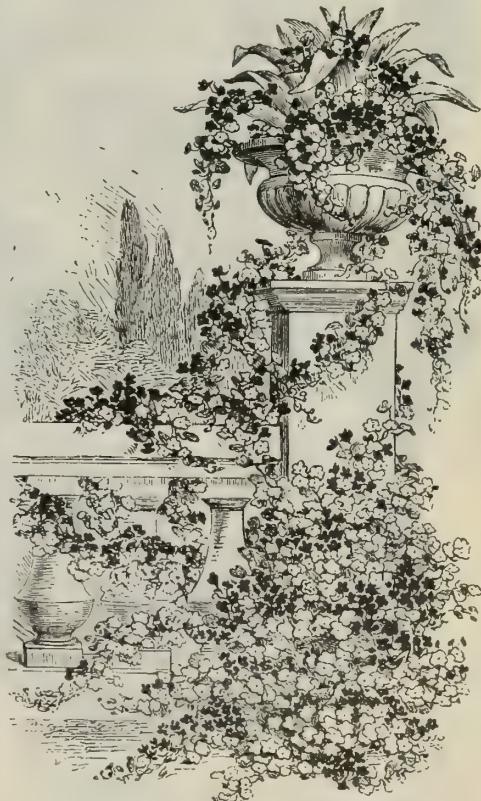
There is only a slight botanical difference between these and the preceding kinds. The foliage is not as luxuriant, but they bloom freer and have very brilliant colors.

		Pkt. Oz.
1605	Black Prince. Very dark crimson.....	10c
1610	Brilliant. Dark, rich scarlet.....	5c 20c
1615	Crown Prince of Prussia. Deep, blood red.....	5c 20c
1620	Regina. Salmon red, changing to cream.....	5c 20c
1625	Roi des Noirs. Deep, velvety garnet.....	5c 20c
1630	Spitfire. Brilliant scarlet	5c 20c
1635	Hybrids of Mad. Gunter. A beautiful strain with large flowers of magnificent colors.....	5c 15c
1638	Finest Mixed Colors. Per 1/4 lb. 40c; 1/2 lb. 75c; 1 lb. \$1.25. 5c 15c	
1639	Collection of the Six Varieties.	25c

Discounts on Flowerseed in Packets.

For the sake of introducing our **SUPERIOR STRAINS OF FLOWERSEED** we will send any six 5c or three 10c packets for 25c.

We have ordered a special set of six different flowerseeds, of exceptional merit, not named in this catalogue, to be given away as premiums at the rate of one packet with each 50c order. Ask for them. No other premiums will be given.



Tall Nasturtium.



1809 **Giant-Flowered Parisian Mixture.** This class is distinguished by its magnificent colors and markings. They usually have a large dark blotch on each petal, surrounded by a broad band of contrasting color, while a lighter netting is thrown over the entire flower. The size of the blossoms is tremendous; flowers measuring $3\frac{1}{2}$ inches in diameter are by no means rare. $\frac{1}{8}$ oz. 75c.....25c

1811 **Bugnot's Giant Mixed.** Another remarkable strain, showing deep, irregular blotches on each petal, surrounded by a lighter band, which is again edged by a ribbon of a dark color. The edges are slightly frilled and fluted. The colors are soft and odd, presenting novel and striking combinations. $\frac{1}{8}$ oz. 75c.....25c

1813 **Large-Flowered Mixed.** A fine mixture of Pansies of medium sized flowers; fine for growing in masses. $\frac{1}{4}$ oz. 25c; 1 oz. \$1.00.....5c

PANSIES.

(Heart's Ease).

The Pansy is another one of those universal favorites, highly prized by all. Their colors are so various that every known shade seems to be among them. They are some of the first flowers to bloom in the early spring and a bed of them, with its many different colors, will be one of the prettiest sights in the garden. For spring blooming they should be sown in the fall and protected slightly during the winter, or they may be sown very early in cold frames; for summer blooming sow in spring and plant out where they will have protection from the afternoon sun. They delight in a rich soil.

LARGE-FLOWERED PANSIES IN SEPARATE COLORS.

	Per Pkt.
1700 Cardinal. The best bright red.....	10c
1705 Emperor William. Deep navy blue.....	10c
1710 Dr. Faust. Jet black, very velvety.....	10c
1715 Gold Edged. Chestnut brown, edged with gold.....	10c
1720 Light Blue. A beautiful, clear color.....	10c
1725 Lord Beaconsfield. Upper petals light blue to white; lower petals deep blue.....	10c
1730 Peacock. Blue, claret and white.....	10c
1735 Snow Queen. Pure white.....	10c
1740 Striped and Mottled. A beautiful combination of colors	10c
1745 White with Dark Eye.	10c
1750 Yellow with Dark Eye.	10c
1755 Yellow Gem. Pure, deep yellow.....	10c
1759 Collection of the Twelve Colors.	75c

GIANT TRIMARDEAU PANSIES IN SEPARATE COLORS.

1765 Emperor William. Deep navy blue.....	10c
1770 Fire King. Purple and Gold.....	10c
1775 King of the Blacks.	10c
1780 Striped and Mottled. Magnificent colors.....	10c
1785 White with Purple Eye.	10c
1790 Yellow with Black Eye.	10c
1799 Collection of the Six Colors.	40c
1807 Giant Trimardeau Mixture.	10c

PANSIES IN MIXTURE.

1805 **Gold Medal Mixture.** The markings and colorings of this strain are marvellous, composed of shades of brown, black, bronze, canary, chocolate, light blue, violet, indigo, orange, yellow, garnet, chestnut, marbled and mottled, white, striped, edged and blotched; and we are confident that they will give the best satisfaction. Their texture is firm; of round, perfect form, and remarkable for freedom of bloom. This mixture is the result of a lifelong experience and we doubt if any better can be purchased. $\frac{1}{8}$ oz. \$1.25.....50c

1807 **Giant Trimardeau Mixture.** This class of Pansies has been perfected to its present high standard after years of careful selection. They are very luxuriant in their growth, producing very large spotted flowers, the colors of which are remarkable for their warmth and purity. For bedding in mixture or planting in rows in separate colors, they are the most effective. They are well adapted for our trying climate. $\frac{1}{4}$ oz. 50c.....

.....25c



Petunia, "Giants of California."

PENTSTEMON.

(Beard-Tongue).

One of our best hardy perennials, of stately appearance, with large, gloxina-like flowers of various colors; fine for planting in masses.

1830 **Gentianoides grandiflorus.** This is perhaps the best known of the family, growing to a height of two feet. It bears very beautiful and large flowers on long, slender stems. An elegant bedding plant, and if sown early and planted out in May in good rich soil, will bloom the latter part of July and continue till late in fall. Should be slightly protected during the winter. 10c



Pentstemon Gentianoides Grandiflora.

PHLOX DRUMMONDII.

One of our best continuous blooming annuals, invaluable for bedding and excellent for cut-flower purposes. They are unquestionably one of our most useful plants, giving a richness to our gardens during the hot months as few other plants. The flowers are produced in clusters of large, beautifully colored blossoms. May be sown outside in spring, or started in the house if wanted earlier.

1880 **Drummondii, Mixed Colors.** Oz. 50c. 5c

LARGE-FLOWERED VARIETIES.

1886 Crimson	10c	1892 Scarlet	10c
1888 Dark Blue	10c	1894 White	10c
1890 Deep Pink	10c	1898 Mixed Colors	10c
1899 Collection of the Five Colors.			35c

DWARF LARGE-FLOWERED VARIETIES.

1902 Crimson	10c	1908 Scarlet	10c
1904 Dark Blue	10c	1910 White	10c
1906 Deep Pink	10c	1918 Mixed Colors	10c
1919 Collection of the Five Colors.			35c

EXTRA DWARF LARGE FLOWERED VARIETIES.

A very dwarf, compact growing strain, specially suited for pots and edging.	
1920 Fireball. Scarlet	10c
1925 Mixed Colors	10c
1926 Phlox Double Mixed , with half-double flowers.	10c
1928 Star Phlox (Star of Quedlinburg). Pretty, star-shaped flowers of various colors	10c

PETUNIA.

A garden without these favorites could hardly be called complete; there are few which equal them for effect. They commence blooming in July if sown outside in May, and continue to flower in great masses until destroyed by frost. Their culture is the most simple; any soil seems to suit them, while of course a good rich earth adds greatly to the richness of color. The various strains which we offer have been obtained from specialists, and we are confident that they will give satisfactory results. For early blooming sow early in the house and cultivate in small pots or flats till the weather has settled.

1850 **Gold Medal Single Fringed.** Saved from the finest marked and largest flowers; beautifully fringed, of long, deep throat and magnificent colors 25c

1852 **Gold Medal Double Fringed.** Like the preceding, but very double, forming perfect balls, often resembling a double carnation-flowered Poppy. 50c

1854 **Giants of California.** Giant flowers of striking colors and markings, with deep yellowish veined throats 25c

1858 **Howard's Star.** A beautiful, full-flowering strain; color a deep purplish crimson with a plainly defined large white star over the flower. 15c

1862 **Inimitable Mixed** (Star Petunia). A dwarf, compact growing variety of various colors, with a star of lighter color over the flower. 10c

1865 **Striped and Blotched.** A very floriferous strain of medium large flowers, striped and blotched irregularly; very effective 5c

1868 **Fine Mixed.** Very fine for massing, producing flowers in greatest profusion. 5c

PASSIFLORA.

(Passion Flower).

1820 **Mixed.** A beautiful half-hardy perennial climber, with large, magnificently colored flowers, produced abundantly throughout the season. 10c

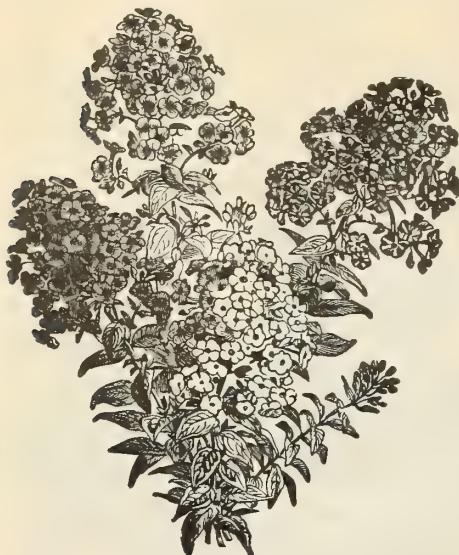
For Specialties and Novelties of Flower Seeds see pages 43-46.

PERILLA.

1840 An annual plant with dark brown foliage, cut and frilled at the edges, giving the plant a very ornamental appearance. It is largely used for bordering off Cannas and other high subjects 5c



Phlox Drummondii Grandiflora.



Hardy Phlox.

POPPIES.

The popularity of the Poppy is getting greater every year, and when one has seen them blooming in masses, with their large, brilliantly colored flowers wide open in the glaring sun, one cannot help to admire them. The seed of some is so cheap that they may be sown liberally.

1970 **Daneborg.** Showy, large single flower of brilliant scarlet, with a white cross in the center..... 5c

1975 **Miss Sherwood.** A beautiful kind, 2½ feet high, with flowers satiny white in the center, going into chamois rose, overlaid with a silvery hue.... 10c

1980 **"The Shirley," Mixed Colors.** A charming single Poppy, ranging in color through the most delicate shades of pink, rose, scarlet, crimson; often daintily edged..... 5c

1988 **Single Annual Mixed.** A large variety of many sorts and colors. Oz., 20c..... 5c

1997 **Carnation — Flowered, Double Mixed.** Very double fringed flowers. Oz., 20c..... 5c

1998 **Paeony — Flowered Double Mixed.** Large double, immense flowers. Oz., 20c..... 5c

For Our Gold Medal Collection
of Sweet Peas, see page 2 of
Cover.



Double Portulaca.

HARDY PHLOX.

(*Phlox decussata.*)

A glorious hardy perennial, widely known and found in almost every collection, producing on long, slender stems large clusters of bright colored flowers, continuing to bloom almost the entire season.

Per Pkt.
1930 **Tall Mixed** 10c
1932 **Dwarf Mixed** 10c

PLATYCODON.

(Chinese Bell Flower.)

A beautiful hardy perennial with large cup-shaped flowers appearing the entire season. They grow very readily from seed and are elegant subjects to plant in the hardy border.

1940 **Japonicum fl. pl.** A new double, very floriferous variety. 10c
1943 **Mariesi.** Large open flower. 10c

POLYANTHUS.

(*Primula elatior.*)

This beautiful little perennial is one of the first to bloom after the snow has cleared away. The sweet scented flowers are borne in umbels on slender stems seven inches high, and are of soft and pure colors. They delight in a moist and cool position and are fine for naturalizing.

1960 **Mixed Colors** 10c



Poppy "Daneborg."

PORTULACA.

(Sun Plant.)

One of the brightest annuals, if favored with a sunny spot. They grow in any soil and soon carpet the ground with heavy wax-like growth, opening their flowers of glaring colors on sunny days.

2020 **Single Mixed.** Oz., 30c..... 5c
2025 **Double Mixed.** 10c



Chinese Primrose.

2049 **Fern-Leaved Mixed.** 25c
2051 **Primula Obconica, Large-Flowered Mixed.** bloomers, indispensable..... 15c
2057 **Obconica, White.** 15c
2055 **Obconica, Fringed Mixed.** 15c
2060 **Primula vulgaris** (English Primrose). A beautiful hardy perennial. 10c

PRIMULA. (Primrose).

Chinese Primroses.

The Chinese Primroses and the Obconica varieties are the most useful pot plants for blooming in winter, and are not so very particular as to position as long as they receive a few rays of sunlight. Best success will be obtained, however by those who have a cold frame at their command. They should be sown from March till June.

2040 **Alba Magnifica.** Pure white. 25c
2042 **Chiswick Red.** Brilliant scar-
let 25c

2044 **Holborn Blue.** Deep lavender..... 25c

2046 **Kermesina.** Carmine 25c

2047 **Striped.** 25c

2048 **Mixed Colors.** 25c

2049 **Obconica.** 25c

2051 **Large-Flowered Mixed.** A class of very profuse bloomers, indispensable..... 15c

2057 **White.** 15c

2055 **Fringed Mixed.** 15c

2060 **English Primrose.** A beautiful hardy perennial. 10c

HARDY POPPIES.

2000 **Nudicaule Mixed** (Ice-land Poppy). Of dwarf growth, finely cut foliage, with yellow and orange drooping flowers 10c

2005 **Orientalis** (The Large Oriental Poppy). Large scarlet flowers with big black blotch 10c



PYRETHRUM.

2070 **Aureum** (Golden Featherer). Well known bedding plant used for borders..... 5c

2078 **Roseum Mixed.** Magnificent herbaceous plants, with large daisy-like beautifully colored flowers 10c

Pyrethrum Aureum.



Ricinus Zanzibariensis.

SALPIGLOSSIS.

(Painted Tongue).

A charming annual; being of easy culture, and producing flowers with wonderful markings throughout the summer; a great favorite with all lovers of flowers. Easily raised from seed.

2130 Large Flowered Mixed.....5c
2135 Superbissima Mixed. Very large flowers, splendidly marked, bearing a regular bouquet of magnificent blossoms on its summit10c

SALVIA.

(Flowering Sage).

One of our brightest bedding plants, easily raised from seed sown outside, or started in the house or conservatory, producing its magnificently colored flowers on long, slender stems, in a profusion which sometimes completely covers the plant.

2140 Patens (Blue Sage). This is one of the most beautiful blue colors, very deep and clear15c

2145 Splendens (Scarlet Sage). Bright scarlet; well known5c

2146 Bonfire. A dwarf and compact growing form of the preceding, commencing to bloom fully 4 weeks earlier. $\frac{1}{4}$ oz., 75c...10c



Solanum Capsicastrum.



Salpiglossis.

SCHIZANTHUS.

(Butterfly, or Fringe Flower).

They are very pretty annuals, having been called the "Poor Man's Orchid." They grow very easily from seed sown in spring, and produce their fantastic and beautifully colored flowers in great masses throughout the season.

2190 Wisetonensis. Forms bushy plants about 18 inches high, literally covered with small orchid-like flowers, which are on white ground dotted with delicate rose, the upper lip showing a big blotch varying between golden yellow, carmine, rose or brown20c

2198 Mixed Colors. A very fine mixture.....5c

SMILAX.

(Myrsiphyllum).

2210 A beautiful perennial greenhouse climber, much used by florists for decorating; very graceful; of fresh green color10c

SOLANUM.

2220 Capsicastrum (Jerusalem Cherry). Makes a most desirable pot plant for the winter, with its numerous cherry-like bright red berries. It is of compact, bushy growth; can be sown from February till April in the house, and may either be grown in the open or in pots during the summer10c

RHODANTHE.

(Swan River Everlasting).

2090 Mixed Colors. A pretty annual everlasting, growing in any soil, preferring a sunny position. Per pkt.....5c

RICINUS.

(Castor-Oil Bean).

There are no more ornamental and majestic looking plants among the annuals than the Ricinus. Planted in groups surrounded by Cannas, or along a fence, they impart a tropical appearance, the beauty of which is beyond description; and for solitary plants in the lawn no plant could rival the Zanzibaricus variety. Their regular ornamental growth, with the immense, massive foliage, cut with a mathematical precision, cannot be praised too much.

2110 Borboniensis arboreus. Growing to a height of 15 feet, very large and beautiful green foliage. Oz., 15c.....5c

2112 Cambodgiensis. Large and richly colored leaves, taking different shades as the plant grows; fine for groups. Oz., 20c.....5c

2114 Gibsoni. A dwarf, growing sort, with deep red foliage; beautiful plant. Oz., 15c.....5c

2117 Zanzibariensis Mixed. The most stately of all; should be used as single plant on a lawn in a position where high winds do not strike it, but where it gets all sun possible. A soil consisting of half well-rotten manure and half loamy sand will result in gigantic plants. Oz., 15c.....5c

2118 All Sorts Mixed. Oz., 15c.....5c

2119 Collection of the Four Sorts.....15c

SCABIOSA.

(Mourning Bride; Sweet Scabious, Pinecushion Flower).

A beautiful annual, growing in almost any soil. The large double flowers are borne on long slender stems, and are of the most magnificent colors. They begin blooming the latter part of July, and continue in the greatest profusion till late in the fall. They make one of the best flowers for vases, and should be in every garden.

LARGE-FLOWERING VARIETIES.

2160 Double Crimson5c

2162 Double Flesh Pink.....5c

2164 Double Purple5c

2166 Double Scarlet5c

2167 Double White5c

2168 Double Mixed Colors.....5c

2169 Collection of the 5 Colors...20c

2175 Dwarf Double Mixed. All colors. Oz., 25c5c

2176 Caucasica. A very handsome, hardy perennial of tall growth, with lilac-blue flowers10c

2177 Alba, with white flowers....10c



Scabiosa.

SWEET PEAS IN MIXTURE.

(For Named Varieties of Sweet Peas see page 2 of cover.)

Our mixtures of Sweet Peas have been prepared by ourselves out of choice named varieties, and will be found of a superior grade. We do not handle any mixtures bought as "Mixtures" from the growers, and which, harvested as such, will always contain the largest proportion of common and undesirable colors.

2476 **Gold Medal Mixture.** This grade contains nothing but the most desirable varieties of largest flowers, and the colors are most carefully blended to give the best effect possible.....Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb., 25c; 1 lb. 75c

2478 **Eckford's Large Flowering Mixed.** In this mixture will be found some of most of the general list, and it will surely give satisfaction.....Oz., 5c; $\frac{1}{4}$ lb., 15c; 1 lb., 50c

2479 **Collection of a packet each of the "18 Gold Medal" Sorts**, see page 2 of cover, 50c.....1 oz. of each \$1.00

SWEET PEAS MIXTURES IN SEPARATE COLORS.

A good many flower lovers desire to grow Sweet Peas in separate shades, and for those we have made the following mixtures, which we believe will meet with the approval of our friends, and be welcomed by those who like to grow the various shades of red, blue, or white, etc., by themselves.

2481 **Lavender and Blue Shades Mixed.**

2484 **Red and Scarlet Shades Mixed.**

2482 **Maroon and Purple Shades Mixed.**

2485 **Striped and Picotee Shades Mixed.**

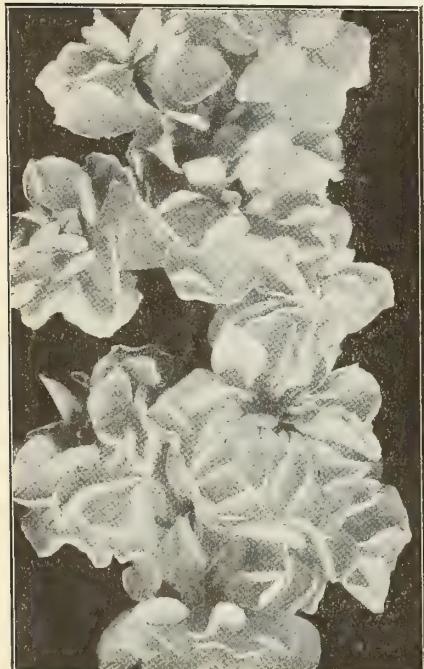
2483 **Pink and Rose Shades Mixed.**

2486 **White and Primrose Shades Mixed.**

Price. Any of the above.....

10c per oz.; 25c per $\frac{1}{4}$ lb.; 75c per lb.

2487 **Collection of 1 oz. each of above colors.**.....40c



Stock "Princess Alice."

BUSH SWEET PEAS.

2497 These form a perfect bush 18 inches high. Are suitable for growing in hedges, also nice when grown in clumps by themselves. If the latter method is employed they should be staked. **Mixed Colors:** 5c per pkt., 10c per oz., 25c per $\frac{1}{4}$ lb., 75c per lb.

CUPID OR DWARF SWEET PEAS.

2498 These grow only about 8 inches high and are very effectful if planted as edgings. They will bloom very profusely and will make a very striking appearance, they are also very useful for pots. **Mixed Colors:** 5c per pkt., 10c per oz., 25c per $\frac{1}{4}$ lb., 75c per lb.

For Named Varieties of Sweet Peas see page 2 of cover.

SWEET ROCKET.

(*Hesperis*.)

2510 An old-fashioned hardy perennial growing about 3 feet high, with showy white, lilac or purple flowers, sweetly scented. A good subject for the hardy border. Pkt.....5c

SWEET WILLIAM.

(*Dianthus Barbus*.)

A very showy hardy biennial, exceedingly effective when planted in borders or beds. They grow about 15 to 18 inches high, bearing on the summit a large tuft of closely set, showy flowers of the richest colors imaginable. An old, well-known favorite.

Pkt.

2520 Deep Red.	5c	2526 White	5c
2522 Blackish Crimson.	5c	2528 Mixed Colors , a splendid	
2524 Holborn Glory, mixed.	10c	grade; oz. 25c.....	5c
2529 Collection of the 4 Colors.			20c
2530 Double Mixed Colors; oz. 50c.....			5c

STOCKS.

(*Gilliflower*.)

One of our sweetest annuals and very popular with all lovers of flowers, bearing long stems closely set with large double clove scented flowers of magnificent colors. May be sown right in the open border or started in the house for earlier blooming.

CUT AND COME AGAIN 10 WEEK STOCK.

A perpetual blooming variety which, when sown early in the house, starts to bloom in June and continues to bloom till late in Fall; they are of branching habit and undoubtedly most desirable for cut flower purposes.

2240 Bright Blood Red. Pkt.....	15c	2245 Silvery Rose. Pkt.....	15c
2241 Cream Yellow. Pkt.....	15c	2246 Purple. Pkt.....	15c
2243 Delicate Lilac. Pkt.....	15c	2247 White (Princess Alice). Pkt.....	10c
2248 Mixed Colors. Pkt.....	10c	2249 Collection of the 6 Colors. Pkt.....	60c

LARGE FLOWERED 10 WEEK STOCK.

Similar to the preceding, blooming in Summer.

2251 Blood Red. Pkt.....	10c	2256 Rose. Pkt.	10c
2252 Canary. Pkt.....	10c	2257 White. Pkt.	10c
2254 Light Blue. Pkt.....	10c	2258 Mixed Colors. Pkt.	5c
2255 Purple. Pkt.....	10c	2259 Collection of the 6 Colors.	45c



Verbena, Mammoth.

VIOLAS OR TUFTED PANSIES.

This Pansy is decidedly distinct from the large flowering, well known Pansies. The flowers are here not so large and present so far not the variety in color, but they bear their pretty, clear colored blossoms in such masses throughout the entire summer that they completely cover the ground with a sheet of color.

2600	Blue Perfection	10c
2604	White Perfection	10c
2605	Mixed Colors	10c
2606	Lutea splendens, Bright yellow	10c
2612	O d o r a t a s e m p e r f l o r e n s (Everblooming Sweet Violet). The well known favorite	10c

ZINNIA.

(Youth and Old Age.)

A magnificent annual, known by all lovers of flowers, and without any question the most satisfactory plant for bedding. The flowers are produced in great masses during the entire season and from the time the first flower opens till frost destroys them, they are never out of bloom. The flowers are of various shapes, some looking like an Aster and others again like a Dahlia, and all have a richness and variety of color which is simply astonishing. They should be planted in masses, either in separate colors or in mixture. They will never fail to attract attention. No garden should be without them.

2640	Dwarf Double Canary	5c	2645	Dwarf Double Scarlet	5c	
2642	" Jacqueminot	2646	"	Rose	5c	
	Deep crimson	5c	2647	"	White	5c
2644	" Orange	5c	2648	"	Mixed Colors	5c
2649	Collection of the six colors					20c
2658	Tall Double Mixed	Oz.	30c			5c
2665	Tall Giant Flowered Mixed	A beautiful strain with very large flowers and magnificent colors				10c
2668	Double Fringed Mixed	The petals of this new strain are deeply cut and fringed, making a very striking color				10c
2675	Single Mixed	A very effective and artistic flower; very free bloomer and fine for bedding				5c



Giant Zinnia.



Vinca.

THUNBERGIA.

(BLACK EYED SUSAN).

2540 A beautiful annual climbing plant much used for vases and baskets, producing their pretty dark-eyed flowers of buff, white or orange in greatest profusion. **Mixed Colors.** Pkt.....10c

TORENIA.

A pretty little annual, covered the entire season with a mass of bloom, very fine for bedding in the border, vases or hanging baskets.

2550 **Bailloni**, golden yellow with chestnut-red throat. Pkt.....10c

2551 **Fournieri**, sky blue, spotted dark, yellow center. Pkt.....10c

MAMMOTH VERBENAS.

A great favorite with all, blooming in marvelous profusion during the entire Summer, they are also very useful for hanging baskets or window boxes, adding variety of color. We have a very fine strain of the mammoth flowering kind.

2560 **Pink**10c

2564 **Striped**10c

2562 **Purple**10c

2567 **White**10c

2563 **Scarlet**10c

2568 **Mixed Colors**5c

2569 **Collection of the Five Colors**35c

2570 **Lemon Verbena** (*Aloysia citriodora*). A plant whose leaves are of a delicious fragrance; should be in every garden.....10c

VINCA.

(Madagascar Periwinkle, or Old Maid.)

One of the most satisfactory annual bedding plants, blooming profusely the entire season till frost. They are of very ornamental appearance, their bright, glossy foliage contrasting well with the large, elegant blossoms.

2590	Rosen , Rose, dark eye	10c
2591	Alba , White, red eye	10c
2592	Alba Pura , Pure white	10c
2593	Mixed Colors	10c

WALLFLOWER.

An old favorite with fragrant flowers, blooming late in the fall and elegant for winter flowering in the house or conservatory. May also winter outside under slight protection.

2620	Single Mixed . A choice mixture	5c
2624	Extra Early Paris Mixed . Very early	10c
2625	Double Mixed	10c

Bulbs and Roots for Summer-Blooming

BEGONIAS—TUBEROUS ROOTED.



Single Tuberous-rooted Begonias.

Extremely valuable bedding plants for the summer, especially so in a half shady position; bearing in never ending profusion large, bright colored flowers. The foliage is also very becoming, some leaves being beautifully marked with thick, silvery veins; some of them are closely covered with tiny little white or red hairs. The enormous size and intense brilliancy of the flowers command greatest admiration. They may be started in the house in pots or boxes and planted outside when the weather is settled, but if planted right outside in May (an earlier time being very dangerous except in the southern states), will also bloom very successfully; a rich soil will produce exceptional vigor.

Single Kinds. Pink, scarlet, white, yellow. 10c each; \$1.00 doz.

Single Mixed. A fine mixture of above colors. 8c each; 75c doz.

Double Kinds. Pink, scarlet, white, yellow. 15c each; \$1.50 doz.

Double Mixed. A fine mixture of above colors. 12c each; \$1.25 doz.

CALADIUM ESCULENTUM.

(Elephant's Ear.)

A very ornamental plant, adding a luxuriance to the garden which only tropical plants can give. The leaves attain enormous proportions, oftentimes 2½ feet wide by 4 feet long. They are elegant for solitary clumps in the lawn, where three large bulbs should be planted together. Where they are wanted for borders around Canna beds, etc., it will be advisable to use the smaller bulbs. They like a rich, well manured soil, and plenty of moisture in their growing period.

Giant Bulbs. 25c each (by mail 40c); \$2.50 per doz.; \$15.00 per 100.

Large Bulbs. 10c each (by mail 18c); \$1.00 per doz.; \$7.50 per 100.

Good Bulbs. 7c each (by mail 12c); 75c per doz.; \$5.00 per 100.

LARGE FLOWERING FRENCH CANNAS.

(Indian Shot.)

The Cannas are undoubtedly the queens of all bedding plants for our trying climate; their bold and massive growth, with the large, waving heads of the most brilliant flowers, make a magnificent show. Of the many varieties now in commerce, we have made a selection of 12, which we believe will answer even the most critical demands. For best results Cannas should be started in the house or conservatory, but good success may also be gained by planting the roots outside the latter part of April or early in May. They delight in a soil which is abundantly mixed with well rotted cow manure.

TWO CANNAS OF SPECIAL MERIT.

Black Beauty. This is the most beautiful of the dark-leaved Cannas. The foliage is very massive, curled at the edges, and of a very intense, rich, bronzy-purple color, growing five to six feet high, making a beautiful effect. 20c each; \$2.00 per doz.

Mont Blanc. This is the finest White Canna up to date. The flowers are large, well shaped, and produced very profusely in broad clusters, making a magnificent contrast with other sorts. The foliage is broad, musa-like, of green color. 40c each; \$4.00 per doz.

TWELVE SELECTED CANNAS.

Buttercup. Almost clear yellow, the best of the yellows; three feet; green foliage.

Beaute Poitevine. A grand dwarf kind; brilliant crimson with scarlet shading; green foliage; three feet.

Cinnabar. Very large flower; orange scarlet; green foliage; five feet.

David Harum. A grand variety; bright, deep vermilion; bronze foliage; three and one-half feet.

Egandise. A fine, effective kind; bright red flowers and bronze foliage; three and one-half to four feet.

Florence Vaughan. A great favorite; large flower of golden yellow with red spots; green foliage; four feet.

McKinley. Very large, broad petaled flower, soft glowing red; green foliage; five feet.

Mlle. Berat. A beautiful salmon pink; large, broad truss; green foliage; four feet.

Mrs. Kate Gray. The strongest growing sort of the set; very broad, dark green foliage, with extra large trusses of rich, orange scarlet flowers overlaid with gold, standing high above the foliage; five to six feet.

Mme. Crozy. Crimson scarlet with yellow border; green foliage three and one-half feet.

Queen Charlotte. Intense crimson scarlet with broad yellow border; very free flowering; green foliage; the finest bedder; three and one-half feet.

Secrétaire Chabanne. A very distinct color, rich and soft salmon; green foliage; three feet.

Price: Any of the above, 10c each; \$1.00 per doz.; \$8.00 per 100.

CINNAMON VINE. (*Dioscoreas Batatas*.)

A very rapid growing climber with bright, deep green, heart shaped foliage, grows to a height of from 25 to 30 feet. The little white flowers have the same fragrance as cinnamon, whence its name. 5c each; 50c doz.



Canna "Queen Charlotte."

DAHLIAS.

Dahlias have come to the front in an astonishing degree during the last few years, which is specially due to the extraordinary improvement which has taken place in the different classes. There are now so many various forms of flowers of such high perfection, and the colors are so manifold, that almost any shade may be found among them.

SEVEN "PRIZE-WINNER" DAHLIAS.

Twentieth Century. A magnificent flower, which has created the greatest sensation at all flower shows. A cut flower of exceptional value. It is of freely branching habit, blooming profusely all season. The elegant flowers are very large, 4½ to 6 inches in diameter; of a rosy crimson, tipped and edged with white and white around the disc, becoming lighter as the season advances. 25c each \$2.50 per doz.

Pink Century. The finest and largest of the Orchid-flowered Dahlias. It is hard to conceive the exquisite delicacy of the flower, whose coloring is a delicate shell pink, slightly suffused with clear soft pink; free grower and bloomer. 75c each.

The Record. Belonging to the same class as the two preceding, being of a clear yellow, each petal flamed and washed with scarlet. 50c each; \$6.00 per doz.

Collarette Dahlia "President Viger." The illustration gives a better idea of the curious formation of the flower than any description could give. The larger petals are claret, while the short petals or frills are pure white, a most magnificent combination. 30c each; \$3.00 per doz.

Giant Dahlia "Mrs. Roosevelt." A truly giant flower; very graceful of form, good bloomer, perfectly double, 6 to 8 inches in diameter; color a delicate pink, shading to soft clear pink; magnificent. 40c each; \$4.00 per doz.

Giant Dahlia "Cuban Giant." A fitting companion to the preceding; just a trifle smaller, of full, round form; dark, glowing crimson, shaded maroon; very vigorous grower and profuse bloomer. 25c each; \$2.50 per doz.

Decorative Dahlia "Sylvia." A very large flower, 4 to 6 inches in diameter, of perfect form full to the center; color white, shading to soft pink on the outer petals. A large bed of this Dahlia was planted at the Lewis and Clark Exposition last year, where it was universally admired. 25c each; \$2.50 per doz.

A collection of one of each of the above seven varieties, \$2.50.



Grand Duke Alexis.



Single Dahlia, "Twentieth Century."



President Viger.

SIX STANDARD SINGLE DAHLIAS.

Gold Standard. Pure deep yellow, large size, very free and continuous bloomer.

John Cowan. A very fine, deep, rich scarlet; beautiful.

John Downie. Intense, glowing, crimson scarlet, a magnificent color; very free flowering.

Juno. Very large; white, slightly suffused, and topped with pink.

Mrs. Bowman. Solferino; a fine, large, well shaped flower; profuse bloomer.

Snow Queen. One of the finest pure white single Dahlias; large flower, fine for cutting.

Price: Any of the above, 15c each; \$1.50 per doz.; the set of 6 for 75c.

TWELVE SPLENDID DECORATIVE DAHLIAS.

Clifford W. Bruton. The finest canary yellow; of immense size and perfect form; strong grower and free bloomer.

Eureka. Deep rose; of fine, regular form, with deep quilled petals; very profuse bloomer; magnificent.

Grand Duke Alexis. A very large flower, of very distinct and unique form; pure white, tinged with delicate pink.

Henry Patrick. Pure white; large size with long stem.

John Elitch. Deep, rich red; large and of perfect form.

Lucielle. A magnificent flower; old gold shading to orange; of beautiful form; profuse bloomer.

Nymphaea. Of medium size; clear and distinct shrimp-pink; very free bloomer; one of the most beautiful Dahlias.

Orange King. Glowing orange; of fine form; profuse bloomer.

Salmon Queen. Very large; beautiful, soft salmon.

Wilhelm Miller. Brilliant purple; extremely free.

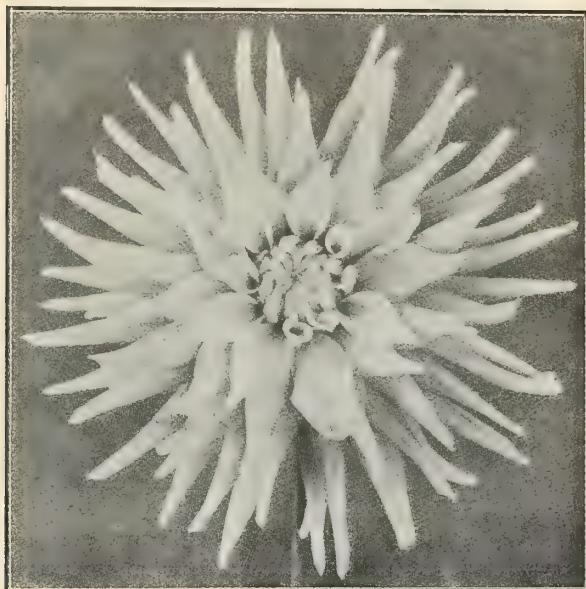
William Agnew. Intense, glistening scarlet crimson; large flower and of exquisite shape, with long stems.

Zulu. The darkest of all Dahlias, almost black; large, well shaped flowers.

Price: Any of the above, 15c each; \$1.50 per doz.; the set of 12 for \$1.50.

THE DAHLIA.

Copiously and elegantly illustrated, by an expert, 30c postpaid.



Cactus Dahlia "Kriemhilde."

TWELVE GRAND CACTUS DAHLIAS.

Alfred Vasey. A pleasing combination of yellow, orange and amber.

Bertha Mauley. Scarlet, overlaid with crimson purple; very graceful.

Countess of Lonsdale. A beautiful blending of salmon pink and amber; perfect form; the most profuse and earliest blooming Cactus Dahlia.

Earl of Pembroke. Bright plum, deeper and velvety towards the center.

Gabriel. Creamy white, edged crimson; petals curiously twisted and curled.

Kriemhilde. Fresh, delicate pink, shading to white in the center; very profuse bloomer; the most beautiful of the Cactus Dahlias.

Mrs. Chas. Turner. Very large; pure yellow; strong grower and profuse bloomer.

Mrs. Dickson. Beautiful rose color, with broad petals; very free flowering.

Ranjil. Large; deep maroon with reddish white petalettes between the petals; very distinct and striking.

Siegfried. An exquisite creamy white, of large size and finely twisted.

Standard Bearer. Rich, fiery scarlet; very free blooming and exceptionally early.

Strahlen-Krone. Intense cardinal red, rich and glowing; long twisted petals.

Price: Any of the above, 15c each; \$1.50 per doz.; the set of 12 \$1.50.

TWELVE SELECTED POMPON DAHLIAS.

Alba Imbricata. Pure white; of perfect form; very early.

Allie Mourey. Pinkish white, tipped deep pink; small.

Catherine. The best pure yellow; of fine form.

Darkness. Deep, velvety maroon, almost black.

Daybreak. Salmony pink, a fine color.

Dora. Delicate primrose; fine form; free bloomer.

Fairy Queen. Light sulphur yellow, edged deep peach.

Kleine Domitea. Salmon buff; very profuse.

Little Helen. White, suffused blush; profuse bloomer.

Mignon. Deep, rich crimson; very fine.

Rougiere Chauviere. Delicate crimson, mottled and striped pink; fine form; profuse bloomer.

Sunshine. Brilliant scarlet; fine form.

Price: Any of the above, 15c each; \$1.50 per doz.; the set of 12 for \$1.50.

TWELVE SUPERB SHOW DAHLIAS.

A. D. Livoni. Beautiful soft pink; quilled petals.

Apollon. Vivid scarlet, very bright.

Arabella. Pale primrose, tipped and shaded old rose and lavender; of large size, profuse bloomer.

Client. Deep, velvety crimson; large; good bloomer.

Emily. Varies from rosy lavender to white, suffused lavender; a beautiful flower.

Hero. Deep, crimson maroon; large and full.

John Sladden. Dark, velvety maroon; exquisite.

Miss Valentine. Deep lavender pink; free bloomer.

Queen of the Belgians. Delicate blush pink; profuse bloomer.

Queen of the Yellows. Beautiful clear yellow.

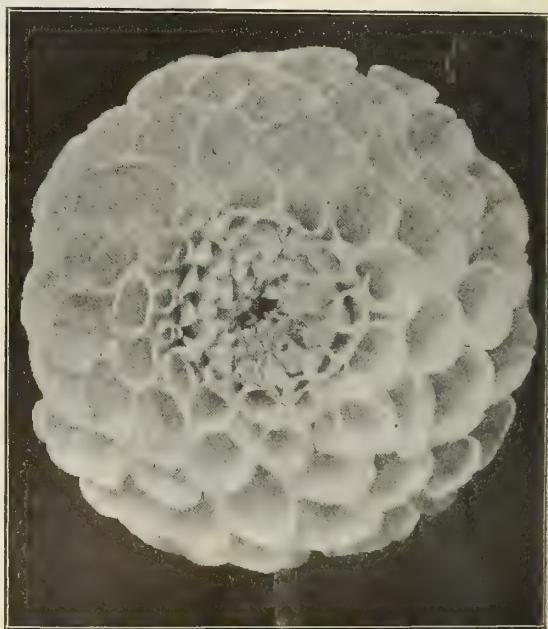
Ronald. Deep, rich orange; very fine.

Snow. Snow white; profuse bloomer.

Price: Any of the above, 15c each; \$1.50 per doz.; the set of 12 varieties for \$1.50.

THE DAHLIA.

Copiously and elegantly illustrated by an expert,
30c postpaid.



Show Dahlia "Arabella."

GLOXINIA.

Undoubtedly one of the most beautiful pot plants for the house. The large velvety leaves form a most striking plant, and when the immense long bell-shaped flowers are open and show their soft and glowing colors, we have a plant whose beauty is unique and without rival. They should be grown indoors and protected from the sun. (See cut under *Gloxinia*-seed).

Strong Flowering Bulbs. 12c each; \$1.25 per dozen; \$8.00 per 100.

GLADIOLUS.

These have now so many admirers that a garden, however small, is not complete without them. The improvements which have been made during the last years have been marvelous and baffle description. The flowers have become so large and the markings so bold and so various that we look in vain for anything to equal them. They may be planted in masses in beds by themselves or scattered among low shrubbery, rosebeds, etc., and when planted at intervals of about 14 days, will give a long succession of bloom. The bulbs may be lifted in the fall after the first frost, stored away during the Winter in a frost-free place in the cellar for next year's use.

THREE MAGNIFICENT NEW GLADIOLUS.

If Gladiolus are wanted by mail add 10c per doz. for postage.

America. A beautiful soft flesh pink slightly tinted with lavender, making it the most delicate coloring of any Gladiolus, flowers very large on long, strong, erect stems. 30c each, 3 for 80c, \$3.00 per dozen.

Princeps. Large open flower of a rich dazzling scarlet, marked with white on the lower portion, strong, vigorous grower. 30c each, 3 for 80c, \$3.00 per dozen.

White Lady. The most beautiful and purest of all white Gladiolus, strong grower. 30c each, 3 for 80c, \$3.00 per doz.

One of each of above, 85c.

FINE NAMED GLADIOLUS.

If wanted by mail add 10c per doz. for postage.

Blanche. Large snow white faintly marked soft rose. 25c each, \$2.50 per doz.

Brenchleyensis. Vermilion scarlet, fine variety. 25c per doz., \$1.50 per 100.

Ceres. White, spotted with purplish rose. 30c doz., \$2.00 per 100.

Columbia. Orange scarlet, blotched and pencilled bluish scarlet. 6c each, 60c per doz.

Gen. Phil. Sheridan. Fiery red with white lining on each petal, and a pure white blotch in the lower division. 6c each, 60c per dozen.

Governor McCormack. Very large, rose mottled with silver gray, very beautiful. 8c each, 80c per doz.

Henry Gilman. Deep salmon scarlet with pure white bands. 5c each, 50c doz.

Isaac Buchanan. Very fine yellow. 6c each, 60c doz.

LaMarek. Cherry tinted with orange, blazed with red, pure white satin center. 5c each, 50c per doz.

Madame Monneret. Delicate rose. 25c doz., \$1.75 per 100.

Marginata. Fine salmon, crimson and white throat, each petal with a delicate margin of slate blue. 6c each, 60c per doz.

May. Lovely white, flaked rosy crimson. 5c each, 50c doz.

Mottled Gem. Large flower, beautifully mottled with white, violet and scarlet. 8c each, 80c per doz.

Mrs. Beecher. Brilliant crimson, scarlet with white throat. 6c each, 60c per doz.

Nezinscott. Bright blood scarlet, with deep velvety crimson blotches and white mottling in throat. 8c each, 80c doz.

Octoroon. Beautiful salmon pink. 7c each, 75c per doz.

Shakespeare. White, suffused crimson rose, large rosy blotch. 7c each, 75c per doz.

Wm. Falconer. The best light pink. 6c each, 60c per doz.

One each of above 18 Fine Named Kinds \$1.10, and 3 each for \$3.00.



Gladiolus.

MIXTURES OF GLADIOLUS.

If wanted by mail add 10c per dozen for postage.

Gandavensis Mixed. A good cheap mixture. 20c per doz., \$1.50 per 100, \$12.00 per 1,000.

Giant Mixture. Large flowers with beautiful markings. 40c per doz., \$2.75 per 100, \$25.00 per 1,000.

Groff's Hybrids. A very fine mixture of beautiful colors. 30c per doz., \$2.25 per 100, \$20.00 per 1,000.

Lemoinei Butterfly Mixture. A very fine mixture of richest colors. 30c per doz., \$2.25 per 100, \$20.00 per 1,000.

Pink Mixture. 25c doz., \$2.00 per 100, \$18.00 per \$1.000.

Purple Mixture. 50c doz., \$3.50 per 100, \$32.50 per 1,000.

Scarlet and Crimson. 25c doz., \$2.00 per 100; \$18.00 per 1,000.

Striped and Variegated. 40c doz., \$3.00 per 100; \$27.50 per 1,000.

White and Light. 30c doz., \$2.25 per 100; \$20.00 per 1,000.

Yellow and Orange. 50c doz., \$3.50 per 100; \$32.50 per 1,000.

HYACINTHUS CANDICANS.

(Summer Blooming Hyacinth).

Grow about 4 feet high, with large bell-shaped, pure white flowers, contrasting well with other Summer blooming plants; should be in every garden. 3c each, 30c per doz., \$2.00 per 100.



Lilium Auratum.

LILIES.

A garden without a few Lilies is not complete. Their beauty of form, stately habit and sweet fragrance is unequaled by any other class of plants, and by planting a few of each of those which we name in our collection, a continuous and unbroken succession of bloom may be had until autumn. There are few plants for outdoor growing which possess so many charms. Their bold and striking flowers and their easy culture render them so indispensable that no collection should be without them. They are excellent to be planted in groups among low shrubbery, rosebeds, etc.

They should be planted in any good garden soil, preferably sandy loam, about 6 to 8 inches deep.

Auratum (Golden Banded Lily). One of the finest; very large, pure white, fragrant flowers, studded with dark crimson spots, while through the center of the petals runs a broad clear yellow band; height 4 feet; blooms in July. 9 to 11-inch bulbs 15c each, \$1.50 per dozen; 11 to 13-inch bulbs 25c each, \$2.50 per dozen.

Speciosum Album. A beautiful kind and easily grown. Flowers are pure white, spreading, fine for groups; blooms in August. 7 to 9-inch bulbs, 15c each, \$1.50 per dozen; 9 to 11-inch bulbs 25c each, \$2.50 per dozen.

Speciosum Rubrum. Same as above, shaded deep rose and spotted red. 7 to 9-inch bulbs 10c each, \$1.00 per dozen; 9 to 11-inch bulbs 15c each, \$1.50 per dozen.

Tigrinum (Tiger Lily). Orange, spotted black, 2 to 4 feet; blooms in August. 10c each, 75c per dozen.

Tigrinum fl. pl. (Double Tiger Lily). Same as above, but double flowers. 10c each, \$1.00 per dozen.

MADEIRA VINE.

(Mignonette Vine).

A very rapid growing climber with heart-shaped light green leathery foliage and fragrant feathery flowers, looking very much like sprays of Mignonette. It is one of the best vines for covering porches and trellises, growing 15 to 20 feet high and keeping remarkably free from insects; not quite hardy, should be protected during the winter. Strong roots; 3 for 10c, 30c per dozen. If wanted by mail add 10c per dozen for postage.

MONTBRETIA.

This might very appropriately be described a miniature branching Gladiolus with star-like flowers. Indeed, they are charming plants, forming dense bushes of grass-like foliage and produce during the entire Summer innumerable graceful flower spikes 12 to 18 inches long, full of bright, star-like orange and red colored flowers. 30c per dozen, \$2.25 per 100.

OXALIS.

Very valuable for edging borders of walks or flower beds, and when planted 3 inches apart will produce an unbroken row of elegant foliage and pretty flowers. They bloom very quickly after planting, and will continue to do so the whole season. They are very easily grown, getting the bulbs into the ground being the only work necessary.

Deppel. Pure white, very fine. 15c per doz., 75c per 100.

Lasiandra. Fine, rosy pink, beautiful cut foliage. 15c per doz., 75c per 100.

TIGRIDIA.

(Shellflower or Tiger Flower).

A magnificent class of Summer blooming bulbs, producing very large, gorgeous flowers exquisitely spotted in great abundance. They grow about 18 inches high and should be lifted in the Fall and wintered on a frost-free shelving to be used again the next summer. 5c each, 50c per dozen.

BULB CULTURE.

By Peter Henderson, gives cultural directions for 200 varieties of different bulbs. Mailed postpaid for 25 cents.



Double Tuberose.

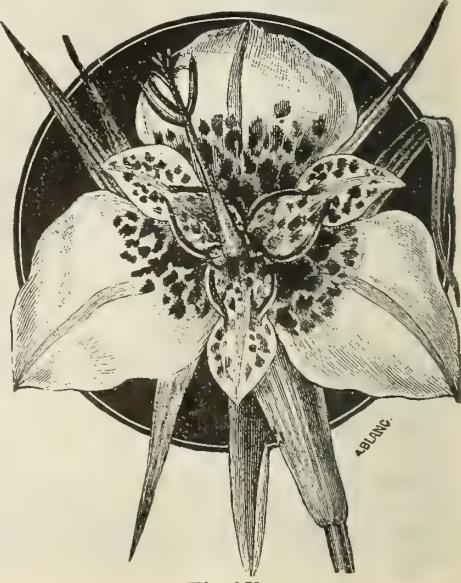
TUBEROSES.

Excelsior Pearl. This variety is much superior to the common double Tuberose, being of decidedly dwarfer growth, with larger flowers sitting closely around the stem. The flowers are waxy white, 1½ to 2 inches across, of a delicious odor. If the bulbs are planted in the garden in May in rich soil and in a sunny position, they are certain to bloom the latter part of August. If they are wanted before that time they should be started earlier in pots in the house, removing them to the open when warm enough in May. 3 for 10c, 25c per doz., \$1.50 per 100.

OUR FLOWER SEED

Is in every way the highest grade that can be procured, and we are satisfied that better qualities cannot be bought at any price.

Give us a Trial.



Tigridia.

A Few Palms and Ferns.

Palms and Ferns are our most useful plants for house and conservatory decoration. No other class of plants will lend such grandeur through their bold and yet graceful foliage to our rooms, and no collection is complete without them. We offer below a few varieties of Palms and Ferns, which are of the easiest cultivation and of most importance to the beginner. The plants listed are all healthy young stock which will soon grow without care into nice large plants.

We will send all plants by express, at purchaser's expense, removing the pots and wrapping the roots carefully in damp moss unless instructed to send otherwise. If we send by mail we have to remove the soil and cannot send such large plants.

Arecia lutescens. Very graceful and beautiful. One of the best in cultivation. Foliage is a bright glossy green, with rich golden stem. Nice plants with 4 to 5 leaves, 12-15 inches high, 25c each.

Cocos Weddeliana. Of all Palms this is the most elegant and graceful. The slender gracefully arching leaves are of a dark green; they are of a slow growth and maintain their beauty for a long time. Elegant for fern dishes. Nice plants from 3-inch pots, 12 inches high, 25c each.

Kentia Belmoreana. This and the following are the hardiest Palms in cultivation and will give better satisfaction as house plants than any other. They grow rather slow, are not much affected by neglect or change in temperature. Both kinds look very much alike, this one being the dwarfest and more graceful. Nice plants from 3-inch pots, 4-5 leaves, 12 inches high, 25c each.

Kentia Forsteriana. Similar to above but taller in growth with heavier and broader foliage. Nice plants from 3-inch pots, 3 to 4 leaves, 12 inches high, 25c each.

Latania Bonbonica. The popular and well-known Fan-Palm. The leaves are large fan-shaped, of light green color. They grow quick and soon attain a large decorative size. Nice plants from 3-inch pots, 4-5 leaves, 12 inches high, 25c each.



Cocos Weddeliana.

FIVE PALMS FOR \$1.00.

The before-mentioned Palms, all nice thrifty young stock, just the thing for an Easter present to your friend, will be sent, one of each by express prepaid, for \$1.25, or for \$1.00 if purchaser pays expenses.

Asparagus Sprengerl. Invaluable decorative plant for pots, window-boxes or hanging baskets. They furnish the most useful and lasting greens for decorating. Nice young plants 15c each.

Asparagus Plumosus Nanus. The most graceful climber in cultivation. The foliage is much more graceful and finer than the most delicate fern and will last for weeks after being cut. It is an excellent house plant and most useful for table decoration. Nice young plants 15c and 25c each.

Boston Fern (*Nephrolepis Bostoniensis*). This well-known Fern needs no further description. Nice plants, 25c 50c, 75c and \$1.00 each, according to size.

Ostrich Plume Fern (*Nephrolepis Piersoni*). One of the most beautiful Ferns in existence; very vigorous in growth, with long graceful fronds, each leaflet being subdivided so as to form a complete miniature frond; the fronds grow broad and heavy and are of a dark fresh green. Nice plants, 25c, 50c, 75c and \$1.00 each.

A Choice Collection of Hardy Perennial Plants for Spring Planting.

The usefulness of these "Old-fashioned Hardy Garden Plants" is more recognized every day, their improvements has been marvellous, and they now rank first as showy garden plants. Immense quantities are now planted by parks, cemeteries and private estates, grouped for masses for effect or as single plants in the border. There is nothing among flowers which will give such universal satisfaction, and of the vast amount we have made a small selection which we are sure will suit everyone. If planted once their beauty will increase from year to year and they will be a permanent pleasure.

The varieties we offer have proven, through years of experience, a perfect success, and if planted early will give very much finer and more flowers than when planted in warm weather.

Price:—Any kind except where noted, 15c each, \$1.50 per doz.

Method of Shipping: All plants will be sent by express at purchaser's expense, the roots being carefully wrapped in damp moss unless we are instructed to send otherwise.

Single plants will be sent by mail at our expense, the soil being removed.

CAMPANULA. (Bell Flower).

For description and illustration see under "Flower Seed."

Medium Single Flowering. Blue.

Medium Double Flowering. Blue.

CHRYSANTHEMUM.

(Moonpenny Daisy).

For description and illustration see under "Flower Seed."

Maximum. Large; pure white.

Shasta Daisy. A giant, pure white flower.

COREOPSIS.

Lanceolata grandiflora. For description see under "Flower Seed."



Achillea "The Pearl."

ACHILLEA.

Ptarmica fl. pl. "The Pearl;" for description see under "Flower Seed."

AQUILEGIA. (Columbine).

For description and illustration see under "Flower Seed."

Single Mixed. Nice, strong plants.

BOLTONIA. (False Chamomile).

A very tall growing, exceedingly showy hardy perennial, with large, single, Aster-like flowers, produced in thousands on graceful, wiry stems during the summer and autumn months. Very effective and fine for hiding unsightly places.

Asteroides. Pure white; five to seven feet.

DELPHINIUM.**(Hardy Larkspur).**

For description and illustration see under "Flower Seed."
Formosum. Beautiful blue.

DIGITALIS,**(Fox-glove).**

For description and illustration see under "Flower Seed."
Purpurea Mixed. Different colors.

GAILLARDIA.**(Blanket Flower).**

For description and illustration see under "Flower Seed."
Grandiflora. Large, stocky plants.

HOLLYHOCK.

For description and illustration see under "Flower Seed."
Mixed Colors. Nice, strong, double flowering plants.

IRIS.

German Iris (*Iris Germanica*). A most beautiful and perfectly hardy spring flowering plant. They thrive anywhere, grow and bloom luxuriantly, and are especially useful on edges of water. Well established plants will often produce more than 50 spikes of blossoms. Their colors range through yellow, purple, blue and white. **Mixed colors.** 10c each; \$1.00 per doz.; \$7.00 per 100.

Japanese Iris (*Iris Kaempferi*). The beauty of these magnificent flowers baffles description. Flowers 8 to 10 inches across are by no means rare, their colors varying in any shade of claret, purple, crimson, rose, lilac and white, usually having a golden yellow blotch, surrounded by a halo of blue at the base of each petal. They are perfectly hardy, growing in any soil, but will attain their greatest perfection if liberally supplied with water while growing and flowering. We have six distinct colors. 20c each; \$2.00 per doz.; \$15.00 per 100.

LYCHNIS.

Chaledonica (*Jerusalem Cross*). For description see under "Flower Seed."

PLATYCODON. (**Chinese Bell Flower**).

Grandiflorum. Large blue flower. For description see under "Flower Seeds."

RUDBECKIA. (**Cone Flower**).

Golden Glow. A gorgeous plant, one of the showiest in existence; a strong, robust grower, 5 to 6 feet high, with large, double, golden, cactus-like flowers, blooming from July to October. Should be in every garden; fine for massing.

PAEONIES.

They are without any rival in popular favor, and to them belongs the first place of all the hardy perennial plants. Their large, gorgeous flowers, borne in abundance on the strong, long stems, with the beautiful, dark green, glossy

foliage, add a wealth of color to our gardens, which not even roses can give. Their culture is so simple, any good rich soil worked thoroughly will answer, be it in the open sun or a partially shaded position. A generous mulching of well rotted manure during their growing period, and a liberal supply of water, will produce wonderful effects; their flowers will be larger and of more intense color, and their foliage and whole growth much more luxuriant. They are perfectly hardy even in the most severe climate, and very rarely troubled with insect pests or disease of any kind, and once planted will increase in beauty each year without any further care.

We supply Paeonies in the following colors:

Dark Red, Red, Pink, White.

Price: Strong roots, 25c each; \$2.50 per doz.

HARDY PHLOX.

Another class of hardy herbaceous plants who rank foremost in beauty and usefulness in the hardy border and should be in every garden. They succeed well in almost any kind of soil or position and are in bloom nearly the entire summer. Their range of color is remarkable; they vary in all shades of white, pink, rose, scarlet, crimson and purple, and the large flower heads, forming a beautiful bouquet by themselves, are borne on long, wiry stems, and if grown in clumps of a dozen or more, will make one of the most glorious sights in the garden. They are perfectly hardy and will increase in beauty each year. (See illustration under "Flower Seeds.")

Eclaireur. Deep purplish crimson, light halo.

Etna. Scarlet, with dark crimson eye.

Henry Murger. Pure white, with carmine center.

J. H. Slocum. Salmon pink, dark eye.

Pantheon. Brilliant salmon rose, very large.

The Pearl. Extra fine; pure white.

One of each, 75c.



Double Paeony.



Iris Kaempferi (Japanese).

**Hardy Perennial Plants
are easily raised from
Seed. Try it.**

Selected Hardy Roses.

Roses are grown wherever there is room to spare and sun will shine; they are around the humble cottage of the daily toiler and the palace of the rich, and all enjoy their gorgeous flowers and their sweet fragrance. From time immemorial they have been the queens of the flowers and the emblem of love, and will continue in their place indefinitely.

We are listing a condensed selection of Roses, which we believe to be the best and most satisfactory for our climate. They are all extra heavy two-year-old stock and are sure to bloom abundantly the first season. This stock we can recommend with greatest confidence. Some of the roses we can furnish in small plants which can be sent by mail; they will invariably produce a few flowers the first season, but we cannot recommend them to give the same satisfaction as our heavy two-year-old stock.



Baby Rambler Rose.

THE NEW DWARF EVER-BLOOMING CRIMSON OR BABY RAMBLER ROSE.

(Mme. Norbert Levavasseur.)

Of all new Roses of the latter years there has been none which fulfilled all predictions and glowing descriptions in such a measure as this new wonderful rose. It is a cross of the well known "Crimson Rambler" and "Gloire des Polyantha," retaining the habit and free flowering perpetual qualities of the latter and the beautiful color of the former. It grows about two feet high and produces its large clusters of bright crimson flowers in a phenomenal profusion throughout the entire summer. Its foliage is of a glossy green, very handsome, and is not attacked by insects. It is perfectly hardy and as a pot rose will bloom all the year round, and we recommend it strongly to all lovers of flowers, be it for pots for winter blooming, for groups in the lawn or for the cemetery. It will give satisfaction wherever planted.

Extra strong two-year-old plants, 75c each; three for \$2.00; per dozen, \$7.50.

BOOK OF THE ROSES.

A reliable written guide to rose culture for the amateur. \$1.25 postpaid.

MOSS ROSES.

These Roses are charming in bud form and very much admired. The bud is covered with a delicate mossy growth, giving the opening flower a beautiful and unique appearance.

Blanche Moreau. Lovely pure white, large and double.

Crested Moss. Light rose, elegantly crested.

Glory of Mosses. Beautiful carmine, large flower.

Extra strong two-year-old plants, 25c each; \$2.50 per doz.

RAMBLER ROSES.

It seems needless to say anything about these most charming and useful roses, which are now so largely used to beautify porches or to cover fences, etc. After once established they grow very vigorously and shoots of 15 feet are by no means scarce. When in bloom they are a sight to behold; thousands of roses are clustered together in bunches and seem to smother the plants. Too much cannot be said about them and no glowing description can do them justice. They should be in every garden.

Crimson Rambler. This is the best and most free flowering of the set; deep crimson.

Pink Rambler. Light pink.

White Rambler (Thalia). Not as free in bloom, but good.

Yellow Rambler (Aglaia). Large yellow flowers.

Strong two-year-old plants, 35c each; \$3.50 per doz.

Small plants, by mail, 12c each; \$1.20 per doz.

Our Gold Medal Collection of Sweet Peas

Contains the 18 best varieties of Sweet Peas up to date; and is mailed at 50c per collection of one packet each, and at \$1.00 per collection of one ounce of each.



Crimson Rambler Rose.



General Jacqueminot.

TWELVE BEST HARDY GARDEN ROSES.

This selection of perfectly hardy roses is specially recommendable to those who have not the time to bother much with protecting them. Once planted and established they will take care of themselves. They are not as prolific in the production of flowers as those of the "everblooming" class, and while their main crop of blossoms is in June, they will still produce some fine flowers during the summer and autumn and by having a bed of the twelve varieties they will practically be everblooming.

***Anna de Diesbach.** A large and full flower of a clear, bright carmine, very fragrant.

***Baron de Bonstettin**, one of the darkest, almost black, very large and double; fragrant.

Baroness de Rothschild. A magnificent cup shaped flower, clear satiny-pink.

Captain Christy. A fine, superbly shaped flower, petals slightly curled back at the edges, soft, fleshy-pink, very sweet. A good bloomer.

Frau Karl Druschki. The finest white rose in existence. Large, perfect flowers of snowy white with large shell shaped petals, making a most magnificent flower. A very strong and healthy grower. Strong 2-year-old Plants 35c each; \$3.75 per doz.

***General Jacqueminot.** The old well-known favorite; large, dark crimson flower, very sweetly scented.

***Jules Margottin.** Large cup-shaped flower, very full and fragrant, bright carmine, beautiful.

Mabel Morrison. A large, pure white, cup-shaped flower, very vigorous, a fine companion to Baronesse de Rothschild.

***Magna Charta**, a beautiful, strong growing rose with large, bright pink flowers suffused with carmine.

***Mrs. John Laing.** Very fragrant, free blooming kind, large flower of a pleasing soft pink.

Marie Bauman. A superb flower, perfect in form, delightfully scented, of a deep bright crimson.

***Prince Camille de Rohan.** The darkest of all, deep velvety maroon, very sweet, large flower.

***Ulrich Brunner**, undoubtedly one of the finest largest roses, of delicious odor, flowers full, of a bright cérise.

Price—Extra Strong Two-Year-Old Plants, 25c each; \$2.50 per doz.

Small Plants can be supplied of all those varieties marked with a * postpaid for 12c a piece.

TWELVE BEST EVER-BLOOMING ROSES.

These are very carefully selected from a class of Roses blooming continually during the summer. They are all good strong growers, profuse bloomers and fine for bedding; should be slightly protected during the winter.

***Bon Silene.** An old, well known kind; beautiful in bud, brilliant carmine.

Caroline Testout. Very double, of charming globular shape; bright satin rose, brighter in the center; very sweet, good grower and free bloomer.

***Clotilde Soupert.** A very beautiful rose, being in bloom continuously from June till frost. It is the freest flowering rose, producing large clusters of perfectly double, medium sized flowers of white tinted with pink in the center.

Gruss an Teplitz. Flowers large, of a rich scarlet shading to crimson as they get older. The best ever-blooming red rose, excellently suited for planting in masses. It is very fragrant, of strong growth, and fairly covered with flowers the entire season. Should be in every collection. (Small plants, postpaid, 15c each.

***Hermosa.** An old variety and still one of the best; covered with deep rose, large flowers the whole season. It is a fine rose for bedding or for pots; of strong growth and clear dark green foliage; a rose for everybody.

***Kaiserin Augusta Victoria.** An ideal flower, very large and double; of a creamy white, slightly tinged with yellow in the center, and of an exquisite odor. The flowers are produced freely and borne on long, graceful stems; a strong grower with beautiful foliage.

***La France.** One of the most beautiful for shape of flower, color and fragrance. The flowers are large, of a silvery pink, the petals are gracefully curled back at the edges and de-lightfully scented.

Maman Cochet. Large, deep, rose-pink flowers produced in greatest profusion on long, stiff stems throughout the season; very double and a good, strong grower.

***Mosella.** Much like Clotilde Soupert, but of a deep cream, changing to yellow in the center; A good, strong grower.

***Papa Gontier.** Dark, crimson red with a long pointed bud, especially nice in the fall; beautiful for cutting.

***Perle des Jardins**, of magnificent form and delightful fragrance; good, strong grower with dark red foliage when young, and large, deep yellow flower.

Souvenir du President Carnot. A magnificent rose of perfect form and beautiful, soft, rosy-flesh color, shading to white at the edges, deliciously scented. An extra strong grower with fine foliage.

Price—Extra Strong Two-Year Old Plants. 25c each. \$2.50 per doz.

Small Plants can be supplied of all those varieties marked with a * postpaid for 10c a piece.



Crested Moss (see previous page.)



Magna Charta.



A Well Kept Hedge.

All our shrubs are large and heavy nursery grown plants and sure to give immediate results. They are ready for shipment about the middle of March and will be shipped at that time on all orders received prior to the 15th day of March. They can only be sent by express or freight.

Azalea Mollis. A beautiful, hardy species, with large clusters of flowers in various shades of yellow, orange or carmine, blooming in May. 50 to 75c each.

Deutzia Gracilis. A dwarf growing shrub, covered with Lily of the Valley-like pure white flowers; early in May and June. 25c each; \$2.50 per doz.

Hydrangea Paniculata Grandiflora. one of the most popular shrubs in cultivation. The flowers are borne in large, dense pyramidal bunches 12 inches long in an astonishing profusion, being white on opening, changing to rose and later to green. 25c each; \$2.50 per doz.

LILAC OR SYRINGA.

A shrub known by everybody; blooming in early spring, filling the air with a spicy odor.

Charles X. A strong grower with large panicles of reddish-purple flowers. 50c each; \$5.00 per doz.

Marie Legraye. Beautiful, pure white flowers, large, loose trusses. 50c each; \$5.00 per doz.

MAGNOLIA.

Very stately shrubby trees with large, tulip-shaped flowers.

Soulangeana. Blooms early in spring; flowers 5 inches across, white on the inside, shaded purple outside, \$1.50 each.

SPIRAEA.

Prunifolia (Bridal Wreath), double white flowers in great abundance; very fine, 25c each.

Van Houttei. This is the finest of all shrubby Spiraeas, and when in flower form a complete mass of white, hiding the foliage completely; a beautiful ornament for any lawn. 50c each.

HERBACEOUS SPIRAEA.

Japonica, the best known. Fine for forcing; when planted outside, will bloom in June. Strong clumps, 15c each; \$1.00 per doz.; \$6.00 per 100.

Compacta Multiflora. Much like the foregoing, but of more compact growth; very prolific in its production of the feathery white flowers borne in plume-like panicles of magnificent proportions. Strong Clumps 15c each; \$1.00 per doz.; \$6.50 per 100.

Astilboides Floribunda. One of the most beautiful of the Spiraeas. Very dwarf in habit and earlier in bloom than the others; a very profuse bloomer, while its feathery pure white flowers appear in greatest profusion. Strong Clumps 15c each; \$1.25 per doz.; \$7.00 per 100.

Gladstone. A quite new and very large flowering kind; one of the most important plants to the florist, who grow large quantities for Easter decoration. Well-grown plants bear often 40-stems with plume-like trusses, covering the plants with a thick white foam. Strong clumps 25c each; \$2.00 per doz.; \$12.50 per 100.

Viburnum Plicatum (Japanese Snowball). A well-known shrub with white snowball-like clusters of flowers. 50c each.

Weigelin Rosea, very ornamental, with clusters of pink flowers. 50c each.

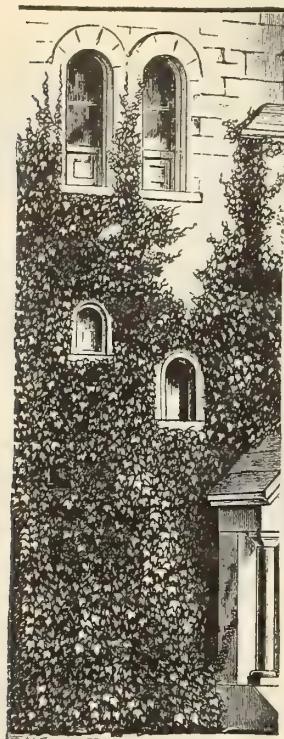
Rhododendron, one of the most beautiful of our hardy plants, with evergreen, large foliage, producing big bouquets of magnificently colored flowers. Choice, well budded plants, 75c, \$1.00, \$1.25 and \$1.50 each, according to size and variety.

DAHLIAS.

Our collection of Dahlias contains only the best. They will be a source of pleasure.



Rhododendron.



Hardy Climbing Plants.

Our list of these valuable plants contains only the best and hardiest, suitable for covering porches, fences etc. They are all extra strong plants, which will make a good showing the first year.

Ampelopsis Veitchii (Boston or Japanese Ivy.) The well-known climber used so largely for covering brick walls, houses, churches, etc. They cling close to the wall and turn a vivid red in the fall, of most striking appearance. Strong 2-year-old plants, 25c each; \$2.50 per doz.

Aristolochia Siphon, (Dutchman's Pipe Vine.) A rapid growing climber with large leaves and brownish colored flowers, resembling in shape a pipe. It makes a very dense covering after once established. Strong plants 50c each; \$5.00 per doz.

Bignonia Radicans, (Trumpet Creeper.) A tall grower rambling high into the branches of trees, fine for old, dead trees. Its large, trumpet shaped flowers of dark red are produced very freely. 50c each; \$5.00 per doz.

Clematis paniculata, (Japanese Virgin's Bower.) Undoubtedly one of the most charming of our hardy vines; exceedingly rapid in growth, soon reaching a height of from 15 to 20 feet, spreading out in all directions. The small, pure white, deliciously fragrant flowers are borne in great particles or clusters so profusely as to fairly cover the plant with a sheet of white fleece. Their blooming period commences in August and extends late into September. Strong plants, 35c each; \$2.50 per doz.

LARGE FLOWERING CLEMATIS.

The flowers of this class are very large, often measuring 8 inches in diameter. The colors run from an intense velvety purple, through blue, white and red. They must be planted pretty deep to prevent them from drying out at the neck, which causes a good many to die.

Jackmanni, a fine, deep purple, very free.

President, deep satiny blue.

Viticella Kermesina, carmine, small flowers.

One of each of above, \$2.25.

WISTARIA CHINENSIS.

A very rapid growing climber and one of the most beautiful. The flowers are borne in long pendulous clusters; fine for balconies and verandas.

Blue. Strong grower with light lavender flowers. 50c each; \$5.00 per doz.

White. Flowers pure white. 50c each; \$5.00 per doz.

Ampelopsis Veitchii.

Bangholm Belle, a large pure white.

Duchess of Edinburgh, double white.

Gipsy Queen, very deep royal purple.

Price—Any of the above 40c each; \$4.00 per doz.

HONEYSUCKLES.

They are fine subjects for covering quickly, porches, fences, etc., and the plants which we offer are young, one year old stock.

Halleana, (Japan Honeysuckle.) An almost evergreen sort with white flowers changing to yellow. 12c each.

Scarlet Trumpet. Bright red, trumpet shaped flowers, very free bloomer. 12c each.

Small Fruits.

Our list of small fruits is rather short, but contains those varieties which are worthy of merit and our patrons may fully rely on them being good and worthy of cultivation.

BLACKBERRIES.

Early Harvest, the earliest and therefore most valuable. Ripens in July, very productive, sweet medium sized berry. Needs protection in the north. 8c each; 70c per doz.; \$1.25 per 100.

Erie, a very strong grower, producing large crops on even poor soil, very large fruit of uniform size and perfect; absolutely hardy. 8c each; 70c per doz.; \$1.25 per 100.

Iceberg, a rather new kind, with snow-white berries, productive and of good quality. 12c each; \$1.25 per doz.; \$4.00 per 100.

Rathbun, of very fine quality and jet black in color, extra hardy and very prolific. 12c each; \$1.25 per doz.; \$5.00 per 100.

Snyder, an extra hardy variety, wonderfully productive, of medium size, very juicy and sweet. 8c each; 70c per doz.; \$1.25 per 100.

CURRENTS.

Currents require good cultivation and rich soil and will do well in a partial shade.

Black Champion, the leading black sort—large berry and bunch, fine quality.

Cherry. Large berries, short bunches, vigorous and productive, deep red.

Fay's Prolific, the leading variety, extra large berries, uniform in size, very productive, rich red in color.

North Star, the strongest grower of the red varieties with bunches 4 inches long; extra quality.

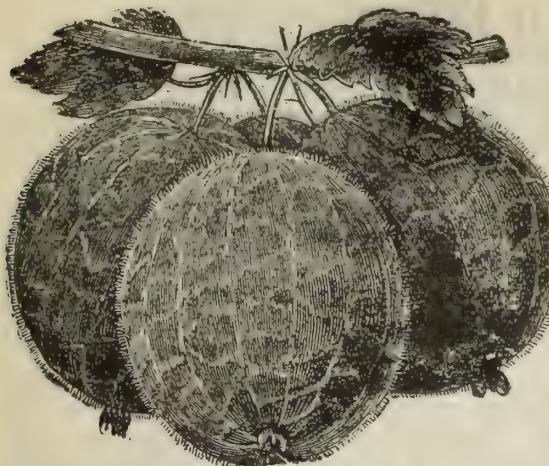
Victoria, bright red, extra long bunches, berries of medium size, late in ripening.

White Grape, very large, yellowish white, sweet, excellent for the table.

Price—Any of the above 12c each; 60c per doz.; \$4.00 per 100.



Blackberry "Iceberg."



Gooseberry "Downing."

GOOSEBERRIES.

They like good and frequent cultivation, rich soil and a heavy manure mulching around the bushes during the summer will prevent mildew.

Columbus, very large, oval, greenish yellow, finest quality, strong grower, 15c each postpaid; \$1.50 per doz by express.

Downing, an old well-known kind, large and handsome, pale green, of fine quality, vigorous grower, little affected by mildew, 15c each postpaid; 60c per doz. by express.

Houghton, medium fruit, pale red, of very fine flavor, enormously productive. 15c each postpaid; 30c per doz. by express.

Industry, large fruit of dark red color and delicious quality, one of the best for market and home use. 15c each postpaid; \$1.50 per doz. by express.

Red Jacket, very large, smooth, prolific and hardy, of best quality, very free from mildew, a wonderful cropper. 20c each postpaid; \$1.80 per doz. by express.

Smith Improved, large, pale green fruit, of extra quality and exceedingly productive. 50c per doz. by express.

GRAPES.

Grapes like a porous stony soil, along slopes of hills or terraces, where they will have the full benefit of the sun.

Orders should be received by April 15th.

Black Varieties.

Concord, the old well-known popular variety, succeeds under any condition.

Moore's Early, large berry and bunch, vine hardy and productive, very early.

Worden, an exceptionally fine variety of the Concord type, but earlier, with larger berry and bunch, of better quality, very hardy.

Red Varieties.

Agawam, very large berry with thick skin, sweet and ripening early, vine very vigorous.

Brighton, berries medium to large, of excellent flavor and quality, nicely formed bunch, extra early.

Lindley, medium to large berry, tender and sweet, ripens early.

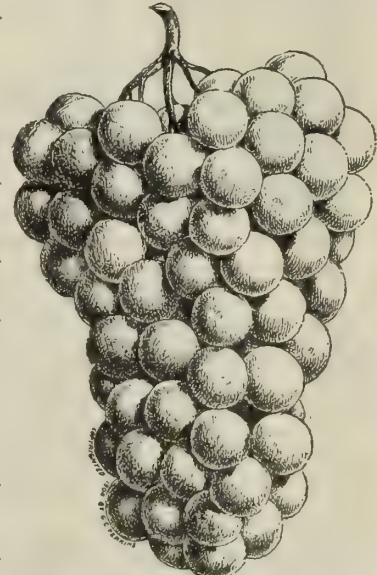
White Varieties.

Moore's Diamond, berries pretty large, of excellent quality with very few seeds, very hardy and productive and very early.

Niagara, the leading variety of the whites, with large bunch and berry, greenish white and pale yellow when fully ripe.

Pocklington, a general favorite, with large bunch and berry, juicy, tender and sweet, light golden yellow, vines hardy and very vigorous, free from mildew and productive.

Price—15c each; 6 for 75c, postpaid; \$1.00 per doz. by express.



Grape "Niagara."

RASPBERRIES.

Raspberries thrive well on a deep cultivated soil, kept free from weeds; a mulching of manure will be very beneficial to them.

Cumberland, the largest Raspberry known; it will give satisfaction in any instance; the most profitable, deserving the name of Business Black Cap fully. 10c each; 6 for 50c postpaid; \$5.00 per 100.

Columbian, purple, resembling in type Shaffer's Colossal. The best berry for canning purposes.

Cuthbert, red, the leading late market sort; remarkably strong and standing the most severe winters.

Golden Queen, the best yellow Raspberry; might be called a yellow Cuthbert, of great size, of very high quality, very hardy and productive, canes are of strong growth, ripens in mid-season.

Gregg, black, the best of the late varieties, very large and requires good soil to produce best results.

Loudon, red, ripens moderately early, and holds out very late, highly productive, claimed to exceed all others in this respect, a good shipper, of superior quality and attractive crimson color.

Price—Except where noted, 8c each; 50c per doz. postpaid; \$2.00 per 100 by express.

Books on Horticultural and Kindred Subjects.

We list on page 3 of the cover a line of books, which will give full information on raising vegetables or flowers, bulbs, shrubs, small fruits, chickens, etc., etc., be it for profit or pleasure, and we are sure that these books will be a great help to everybody.

PIONEER FERTILIZERS.

Pure and Unadulterated.

FEED YOUR SOIL.

Commercial Fertilizers are sure to come into more general use as fast as they are tried. Their quick and direct action commends them to the gardener and the farmer. A customer who once buys almost invariably continues its use. The enormous quantities sold every year give the best evidence of its utility and value to the gardener and farmer.

TO OUR FARMER AND GARDENER FRIENDS.

Life is too short for the intelligent to spend any great portion of it in wading through the long drawn out publications of some fertilizer companies. You know that your land needs manure and we know that we have the goods that will suit you. Bone Fertilizers are the most valuable, and though they cost a little more than the South Carolina Rock at the start, they are cheapest in the end. Our Maumee Valley Pure Ground Bone and Maumee Valley Pure Phosphate are reported by our State Board of Agriculture as being worth considerably more commercially than we price them. Consider this well before you buy others that in 99 cases out of 100 are reported as worth several dollars less per ton than is asked for them.

Maumee Valley Pure Ground Bone. Pure Bone Meal analysis: Ammonia, 6.50 per cent; Bone Phosphate and Phosphoric Acid, 25.27 per cent; Potash, 0.93 per cent. Every bag guaranteed pure bone. Price, per bag of 200 lbs. \$3.25; in ton lots \$28.00. Harrow or drill in, using 200 to 300 pounds per acre at time of seeding. Small lots by express, not prepaid, 5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00.

Maumee Valley Pure Phosphate. State analysis: 5.65 Ammonia; Phos. Acid, 15.48; Potash, 0.68 per cent. This brand of Fertilizer is the best and purest of its kind made. It consists of animal meat and bone only, is very strong, most excellent for wheat, corn, potatoes and vegetables. Price, 200 lb. bag \$2.75; in ton lots \$24.00.

Desiccated Bone. Guaranteed analysis: Ammonia, 1.50 to 2.50 per cent; Phosphoric Acid, 25 to 30 per cent; Bone Phosphate, 55 to 65 per cent. Is a pure animal bone, without adulteration, from which all the grease and gelatinous matters have been extracted by a patent process, leaving the resultant bone in a finely divided state. Numerous tests have shown that the results from using Desiccated Bone are more satisfactory than those with Raw Bone, because the former is more quickly decomposed in the soil, and the phosphoric acid is more readily rendered available as food for growing plants. Price, 200 lb. bag \$4.00; in ton lots \$37.50.

Recommended for use on bottom lands or where there is a good supply of moisture for all kinds of grain, and also for strawberries and fruit trees, in connection with some form of potash. May also be used to good advantage composted with barnyard manure.

Sheep Manure. A pure, natural and nutritious Fertilizer, immediate and lasting in its effects; excellent for mixing with soil for greenhouse plants. In the vegetable garden and farm it promotes a rapid, steady growth during the entire growing season. It also makes a rich liquid manure for market gardeners' use. One of the best fertilizers for the lawn. Price, 100 lb. bag \$2.00; per ton \$25.00.

Nitrate of Soda. The most valuable Fertilizer known for the trucker, gardener and fruit grower. Will give immediate results. It is chiefly a stimulant; it is used in addition and mixed with barnyard and other fertilizers. It comes from Chili, and is very quick in its action and hastens the maturity of crops. Price, nominal, sack 200 lbs. \$6.50; half ton \$30.00; ton lots \$60.00.

Muriate of Potash. Contains 50 per cent. actual potash. Price, nominal, per bag of about 224 lbs. \$6.50; per ton of 2,000 lbs. \$52.50.

Prices on Nitrate of Soda and Muriate of Potash are subject to market fluctuations.

Pure Peruvian Guano. (Genuine Lobos brand.) Free from adulteration. One lb. 10c; 10 lbs. 60c; 25 lbs. \$1.25; 50 lbs. \$2.00; 200 lbs. \$6.00; per ton of 2,000 lbs. \$45.00. One ton of pure guano is worth twenty tons of stable manure. Mixed in water (like Paris Green), it is most valuable in forcing garden truck, both in hotbeds and out in the field.

Land Plaster or Gypsum. Analysis: Sulphate of lime, pure gypsum, 94.23; carbonate of magnesia (a valuable fertilizer), 2.65; common limestone, 2.20; alumina silica and oxide of iron, .92. We have the genuine New York State Gray only, and this Land Plaster used as fertilizer gives better results for money invested than anything a farmer can put on his land. Valuable for all crops, especially in dry seasons where commercial fertilizers fail. Used by many potato growers. This is excellent to mix with Paris Green at the rate of 100 pounds of Plaster to 1 pound of Paris Green. Per barrel of about 300 lbs., on cars, \$1.50; 5 barrel lots, per barrel, \$1.25.

Ashes—Canada Unbleached Hard Wood. Nature's Fertilizer. Contains all of the fertilizing elements. Ashes correct sourness of the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops, and are of high value for cabbages, potatoes, onions, strawberries, celery, fruit trees, corn, clover, wheat, beans, grass lands and lawns. Price, per barrel of about 200 lbs. \$2.00; per ton of 2,000 lbs. \$18.00. Special price in larger lots.

Please let us know for what crop and on what kind of soil you wish to use fertilizer, and we will be pleased to write you what we consider best for your use.

Excelsior Brand Food for Flowers. An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle; without odor; produces rich green growth and profusion of flowers. Price 15c and 25c per package. Postage extra, 10c and 15c.

Pioneer Lawn Dressing. No weeds. No litter around your house. Old and new lawns require stimulating in spring or in the fall after season of cutting and heat of summer. It is chemically prepared, containing only elements to make grass growth; has never failed to produce a rapid and rich green velvety lawn. By using this dressing all the unsightliness and disagreeable odors are avoided. No weeds will fill your lawns as they frequently do when stable dressing is used. It is very lasting, and by its use worms and other troublesome insects are driven from the soil. Should be sown broadcast at the rate of 600 or 800 pounds to the acre, according to condition of lawn. 10-lb. bag 50c; 25-lb. bag \$1.00; 50-lb. bag \$1.50; 100-lb. bag \$2.25; 200-lb. bag \$4.00; special price for larger quantity.



Roots of Soy Beans, showing the nodules which collect the free nitrogen from the air and deposit it in the soil, thus making barren land productive, and after the first crop is harvested the ground is left richer and better for the next year's crop.

NITRO-CULTURE.

The Vest Pocket Fertilizer.

Nitro-Culture consists of nitrogen-collecting Bacteria which work in the soil and on the roots of leguminous plants, having the power to collect free nitrogen from the air and supply it to the plants. All plants need nitrogen, which is very costly when obtained by chemical process. The remarkable increase of crop frequently reported and caused by inoculation is due wholly to the large amount of nitrogen collected from the air by the Bacteria. Trial packages, 50c postpaid; 1-acre packages, \$1.50 postpaid; 5-acre packages, \$5.00 postpaid; 20-acre packages, \$18.00 postpaid; 50-acre packages, \$40.00 postpaid.

When ordering, state what particular crop you desire to inoculate. Crops mentioned on the same line, require the same Bacteria.

Alfalfa or Lucerne.

Peanuts.

Red or Mammoth Clover.

Vetch.

Alsike or White Clover.

Garden Beans and Field Beans.

Crimson Clover.

Garden Peas and Field Peas.

Special Garden Size—Sweet Peas, 25c; Garden Beans, 25c; Garden Peas, 25c.

Nitro-Culture cannot be furnished for any crops like corn, wheat, potatoes, cotton, etc., but only those which are mentioned in the above price list. Inoculated clover may be planted with oats or other crops, and we have reason to believe that they will be benefited.



1906 PATTERN STANDARD CYPHERS

WE SELL THE
Genuine Cyphers Incubators

FREE ON BOARD CARS, TOLEDO, OHIO.
AT FACTORY PRICES.

THE STANDARD CYPHERS INCUBATOR.

1906 PATTERN.

No. 0, 66-egg.....	\$13.00
No. 1, 140-egg.....	19.00
No. 2, 240-egg.....	27.00
No. 3, 390-egg.....	34.00

LOW PRICE INCUBATORS.

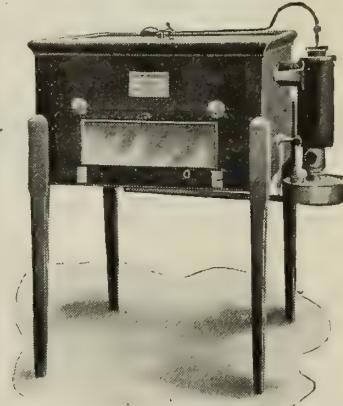
Boys' Choice, capacity, 50-eggs.....	\$ 7.50
Farm Economy, capacity 110-eggs.....	12.00

If you are further interested in Incubators or Chick Food, send 10 cents to pay cost of mailing Catalogue, entitled "Poultry Raising Made Easy and Profitable." 32-page descriptive circular and price list sent free.



**CYPHERS UNEQUALLED
APARTMENT BROODERS.**

Free on Board Cars, Toledo, Ohio,
at Factory Prices.



**CYPHERS
STYLE A OUTDOOR BROODER.**

Price of Style A Brooder complete (with thermometer and stove), \$12.00.

STORM KING BROODERS.

These Brooders are made in two sizes, and are adapted for either outdoor or indoors. They will be found to care for the young chicks very satisfactorily. They are arranged so that they can be run as a warm brooder, cold brooder, or colony house, combined. Full instructions for the management and care of the young chicks sent with every brooder.

Size No. 1, capacity 50 chicks.....	\$6 50
Size No. 2, capacity 75 chicks.....	8 00

SCIENTIFIC FEEDING.

The poultryman who would attain the fullest possible measure of success must make a careful study of the feeding question and avail himself of the best and latest reliable information that scientific investigation is able to furnish him. To meet the wants of those who appreciate their need of properly prepared and balanced rations, the manufacturers of our incubators have, after a most exhaustive study of the subject, been able to prepare for the use of those who aim at the highest results, the special foods listed below. These foods are put up in 50 and 100-pound sacks. Full directions for feeding accompany each sack.

READY MIXED POULTRY FOODS.

Chick Food is a complete, scientifically compounded food for young chicks, and is a mixture of eleven different grains and seeds, so proportioned as to meet all the needs of growing chicks and fully nourishing them. In compounding this food the protein (or flesh and muscle forming elements), is maintained high; the carbohydrates (or fat and heat forming elements), are reduced to their proper proportion, and the ash (or mineral element), is in sufficient amount to supply the needs of the rapidly growing bird. If the chicks are to be developed into breeders, no other food is required for the first eight weeks. Prices: 50-lb. bags, \$1.50 each; 100-lb. bags, \$2.50 each.

Developing Food. A special food for properly maturing young chicks after they are ready to be weaned from Chick Food, and to carry them along to the age when it is desirable to place before them the larger whole grains. Prices: 50-lb. bag, \$1.15; 100-lb. bag, \$2.00.

Forcing Food. Where very rapid growth is required, as in growing broilers or roasters, a highly concentrated food can be fed, and for this work we recommend the Forcing Food. Prices: 50-lb. bags, \$1.15 each; 100-lb. bags, \$2.00 each.

Scratching Food. In combining grains to be used as an exercise food, scattered in the pens to make hens work for what they get, it will not do to make up a random assortment of any available material, for there should be a strong inducement for a well fed hen to scratch for every morsel. A good scratching food, composed of materials that will be regarded with special favor, in fact something that they crave and at the same time not defeat the purpose of a balanced food. Philipps' Scratching Food is the best balanced ration, exercise food ever offered for sale. Prices: 50-lb. bags, \$1.15 each; 100-lb. bags, \$2.00 each.

Laying Food is the best balanced ration from which to make the morning mash, whether for chickens, pullets, hens, cockerels, capons, ducks, turkeys or geese. It is made from the best selected grains and contains no oat hulls or waste. The makers of this food manufacture nothing in the way of foods excepting poultry foods, and consequently have no by-products, as is the case with other manufacturers. Prices: 50-lb. bags, \$1.15 each; 100-lb. bags, \$2.00 each.

Cut Clover Hay. This is a standard green food for winter egg production, guaranteed 95 per cent. pure clover, contains the entire food plant, leaves, blossoms and all, reduced to edible lengths. There is absolutely no waste in this food and it is far superior to the ordinary cut clover. The Short Cut Clover Hay needs only to be used to be appreciated. Prices: 50-lb. bags, \$1.00 each; 100-lb. bags, \$1.75 each.

Sealed Clover. This is the pure clover plant reduced to a fine meal. It is guaranteed 95 per cent. pure clover and contains the entire food plant, stalks, leaves, blossoms and all, nothing being removed. This is the best form of clover for use in mash food for small chicks, the meal being ground just sufficiently coarse to give bulk to an otherwise soggy mash, thus allowing the gastric juices to become quickly mixed with the food and to assist in thoroughly digesting it. Prices: 50-lb. bags, \$1.10 each; 100-lb. bags, \$2.00 each.

Poultry Supplies.

Philips' Lice Powder. This powder is not a lice driver but a lice killer. In offering Philips' Lice Powder, we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded and contains no chemicals that will injure young chicks or the fertility of the eggs. Clean to handle and easy to apply. Positively will kill lice on poultry, cattle and horses; ticks on sheep, and fleas on dogs. Can be used on plants and bushes as a protection against bugs and lice; as an insecticide it has no peer. A trial package will convince you. Prices: 5-oz. package (trial size) 10c, postpaid 15c; 15-oz. box 25c, postpaid 40c; 48-oz. box 50c; postpaid \$1.00; 100-oz. package by express \$1.00.

Philips' Lice Paint. A dead sure liquid lice killer for use with poultry or stock. It is a scientifically compounded preparation for use in killing lice, mites and other parasites on fowls, and which also does excellent execution of lice and ticks on sheep, hogs, horses and cattle. **How it works:** The vapor which arises from the Lice Paint is what does the work. This vapor is not injurious to fowls or human beings, but is sure death to lice, mites and other insect pests. It is easy to use and when sprayed on roosts and dropping boards works while the fowls sleep. Prices: 1-qt. cans 35c each; 2-qt. cans 60c each; 1-gal. cans \$1.00 each.

Milk Oil. A concentrated preventive of disease. Guaranteed to do the work. It is unexcelled for disinfecting poultry houses and runs, stables and dog kennels, toilets, or any place where a good germ destroyer is needed. One gallon will make 100 gallons of disinfectant. Milk oil is a good, reliable remedy for all germ diseases affecting poultry. Destroys disease germs, mange, fleas, lice, mites, ticks and worms. Useful for horses and cattle, dogs, cats, and other domestic animals; an ideal disinfectant and deodorant. Milk Oil is put up in half gallon and gallon cans. Full directions for use on each package. Prices: $\frac{1}{2}$ -gal. cans 50c each; gallon cans \$1.00 each.

All Kinds Roup Cures. These roup cures are positively guaranteed by the manufacturers to cure roup in all forms. It is used by simply mixing with the drinking water, the chick taking its own medicine. It cures roup, prevents and cures all colds where there is a watery running at the nostrils and eyes, and is unequaled for the cure of canker, especially in pigeons. Small size package makes 25 gallons of medicine, price, postpaid, 50c; large size package makes 75 gallons of medicine, price, postpaid, \$1.00. **Rust's Roup Pills.** 25c box.

Medicated Nest Eggs. These are the standard lice destroyer and nest egg combined. Sure death to lice of all kinds, also mites. Retains its full medication until it is wholly evaporated. Unlike other medicated eggs, which are plaster, or some other absorbent, saturated with a lice killer, these eggs are effective to the last. They slowly waste away, giving off fumes fatal to insect vermin. They keep the nest sweet and clean and rid the laying hens of lice. Prices: each 10c, postage 5c; per dozen 75c.

Rust's Havens' Climax Condition Powder. This condition powder is just what every farmer and poultry raiser needs. Keeps stock and fowls healthy, cures gapes and cholera in fowls when used as directed, expels worms from horses; fed to cows improves and increases the production of milk; it makes hogs thrive and fatten. It is a reliable poultry medicine and condition powder. An honest preparation at an honest price. Sure to give satisfaction. Prices, one package 25c, if by mail 15c extra for postage; 5-lb. box, equal to six packages, \$1.00.

Rust's Egg Producer. Makes hens lay when eggs are high-priced. One of the best and most satisfactory preparations we have ever sold for feeding to poultry to increase the egg production. Our customers who have used it speak in the highest praise of it, saying that it not only largely increases the quantity of eggs but improves the condition and appearance of the poultry. Feed every day at first, at the rate of one tablespoonful to a quart of meal or wet food; afterwards two or three times a week, and when the hens commence laying freely it can be discontinued. A 25c package contains 16% tablespoonfuls. Prices, 1-lb. package 25c, by mail 45c; $2\frac{1}{2}$ lbs. 50c, by mail 94c; 6-lb. package \$1.00; 10-lb. package \$1.50.

Linseed or Oil Cake Meal. Genuine Old Process. Experienced feeders claim this to be one of the most profitable foods for cattle, cows, horses, sheep, hogs and poultry. Keeps stock in a healthy condition; makes palatable meats more tender and juicy; a wonderful food for milch cows, increases quantity and quality of milk, butter and cheese. A double gain in the rich manure that is left. Prices subject to change. Price per 100 lbs. \$1.65; per ton \$32.00. No charge for bags.

Coarse Ground Bone for Poultry. This is about the size of wheat and can be fed like any other food in grain. The phosphate of lime contained in bone assists in the formation of the egg, and largely increases the productiveness of hens. Prices, 1 to 10 lbs., 5c per lb.; 15 to 50 lbs., 3c per lb.; 100 lbs., $2\frac{1}{2}$ c per lb.; in ton lots 2c per lb.

Crushed Oyster Shells. It is needless for us to enlarge upon the value of crushed oyster shells for poultry. Every poultryman realizes their importance as an egg-shell maker and general promoter of health. We purchase these in car lots, hence can sell at rock bottom prices. Every pound of oyster shells offered by us is dried by a patent hot air process and not by a direct fire. The shells are crushed and ground to the size which expert poultrymen agree to be the best. Prices, 15-lb. bag 25c; 50-lb. bag 40c; 100-lb. bag 75c. Special prices on large lots.

Complete Grit. Complete Grit is clear, free from sand and dirt, and economical to use. It is light in color and the fowls eat it readily without waste. It contains the lime necessary for making egg shells, and in addition to this and its special grinding qualities, it contains medicinal properties of special value. Supplied in three sizes: No. 1 for brooder chicks; No. 2 for half-grown chicks; No. 3 for hens, turkeys, ducks and geese. Prices, 50-lb. bags 40c each; 100-lb. bags 75c.

Bone Cutters. Humphrey's, Mann's, Standard and Wilson's; \$5.00 and upwards, according to size and capacity.

Beef Scraps. High Protein. Per 100 lbs. \$2.75

Blood Meal. Per 100 lbs. 3.50

Barley for Chickens. Per bushel.75

Buckwheat for Chickens. Per bushel.75

Cyphers Poultry Remedies. Put up in glass vials; each.40

Cyphers Safety Brooder Stoves. Each. 1.25

Cyphers Safety Incubator Lamps. Each. 75c, \$1.00, \$1.25 and 1.50

Caponizing Sets (Pilling's). Complete with instructions; per set. 2.75

China Nest Eggs. Per dozen.25

Chick Markers. Each. 25c and 50

Charcoal. Fine or coarse; 50-lb. bag. 1.50

Clover Seed Screenings. Seed and chaff mixed; per 100 lbs.75c and 1.00

Corn Sheller, to clamp to box or barrel; each.75c and 1.00

Drinking Fountains. Galvanized iron. Small size, each 18c, six for 90c; medium size, each 25c; six for \$1.25; large size, each 35c; six for. 2.00

Egg Testers. X-ray. Each.20

Feed and Water Holders. Hallock patent; small, medium and large size. Each.75c, \$1.00 and 1.25

Gape Worm Extractors. Each.25

Grit and Shell Boxes. Galvanized iron; each.50

Grist Mill for Poultry Raisers. Each. 3.00

Insect Powder Guns. Each. 15c to .25c

Killing Knives for Poultry. Each.50

Lee's Lice Killer. $\frac{1}{2}$ gal. 60c; gallon. 1.00

Lee's Germozone.50

Leg Bands. Different makes, for pigeons, small and large fowls. 15c to 25c per dozen; per 100.75c to 1.00

Meat Meal. Per 100 lbs. 2.25

Millet for Chicks. Per 100 lbs.75

Napereol. Per gallon. 1.50

Sunflower Seed. Large Russian; per lb.10

Thermometers, Incubator and Brooder. Each. 45c and .60

Wicks for Incubator and Brooder Stoves. Two for 5c; per dozen.25

Spraying Outfits.

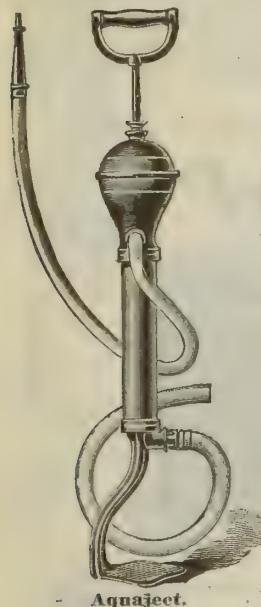
SPRAYING FRUIT TREES BY HAND AND HORSE POWER.

Spraying Is No Longer an Experiment but a Science, and a Necessity
to Secure a Crop of Fruit.

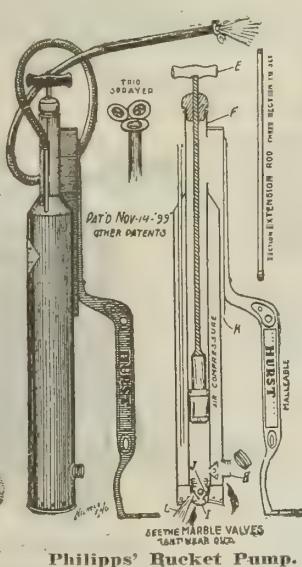
Nearly every one is now familiar with the practice of spraying plants with various insecticides and fungicides, for the prevention of injury by insects and fungous diseases. It has been estimated by competent authorities that over \$300,000,000 worth of crops are annually destroyed by insects and fungi in the United States. But by proper spraying a large part of this immense loss can be prevented.

The spraying should be done by means of a spray pump, many styles of which are on the market. To do satisfactory work in spraying one must have a first-class outfit. The pump must have its working parts made of brass, as the fungicides soon corrode iron or tin. The nozzle must be of good quality, it must throw a fine, mist-like spray, and if it will throw a solid stream, so much the better for its general utility. The kind of spraying outfit which should be selected will depend entirely upon the kind and amount of work to be done.

We here offer to our friends and customers a complete line of spraying appliances, such as we consider good in every way, and the best made for the price asked. The different Sprayers we offer can be used in many ways for spraying the garden, orchard or vineyard for florists, nurserymen, fruit and tobacco growers, poultrymen and stock raisers.



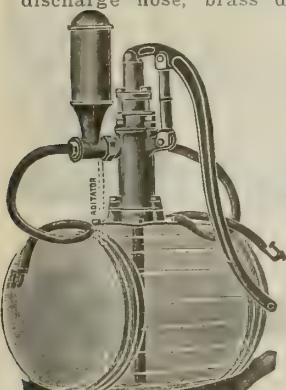
Aquaject.



Philipps' Bucket Pump.

DOUBLE ACTING SPRAYING FORCE PUMPS.

Aquaject Portable Hand Force Pump. Fitted with suction hose to draw water or other liquids from a pail or other source, even 20 or more feet off. A perfect miniature fire engine of brass and malleable iron. Serviceable for home, garden, orchard, washing buggies, etc. With suction and discharge hose, brass discharge pipe and sprayer and agitator. Price, complete, \$4.50.



Outfit B.

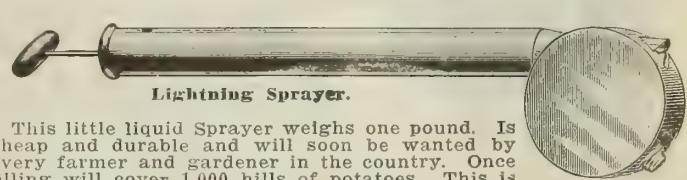


Philipps' Improved Bucket-Spraying Pump. The easiest working and most powerful garden pump ever produced. Good for all kinds of work, general purpose, whitewashing, etc. Has proven that it lasts longer, works easier, throws farther and has more uses than any other Bucket-Pump made. Guaranteed in every way. Price, \$2.50.

Outfit B. Double Acting Spray Pump, with base for attaching to either side or top of barrel. This Pump has brass-lined cylinder, brass-cased differential plunger, and large air chamber. Price, $2\frac{1}{2}$ ft. 1 in. iron suction pipe with brass strainer and two leads 10 ft. each, $\frac{1}{2}$ in. discharge hose with Mason (or other) spray nozzle, \$10.00. For a pump with one lead hose only, \$8.50.

These outfits can be mounted on wagons and plank sleds at very trifling expense and trouble. We can guarantee these outfits to give good satisfaction, so our customers run no risk in ordering them.

Outfit P. Represents our new improved Barrel Spray Pump with brass upper and brass-lined lower cylinders, brass plunger, brass check valve and brass valve seats. All working parts coming in contact with the liquid are brass. The body of the Pump is a large air chamber, and after the Pump is under pressure it will discharge a steady spray lasting two minutes or more with one stroke of the handle, thus making it easy to operate. Is double-acting, discharging half of water on up-stroke and half on down-stroke of handle. The ease with which it is operated makes it a general favorite, and we guarantee it to give perfect satisfaction. Price, 1 Lead Hose, \$8.50; with 2 Leads Hose, \$10.00.



Lightning Sprayer.

This little liquid Sprayer weighs one pound. Is cheap and durable and will soon be wanted by every farmer and gardener in the country. Once filling will cover 1,000 hills of potatoes. This is the best Sprayer for farmers' wives to spray house and garden plants, disinfecting rooms, for use in the laundry and anywhere that spraying of any nature of liquids can be used. The best Sprayer for barn use to keep flies off stock, etc. Price low and within reach of all. Tin, 45c each; brass, 90c, by express.

These machines have been used by the leading florists and gardeners in the United States with the greatest degree of satisfaction. It throws a spray as fine as a cloud of smoke, which being damp adheres to the plant; it is worth its cost many times each season to any household; it will surely disinfect any place, and destroy any living insect if the proper liquids are used. Kerosene emulsion may be used on most any kind of plant without harming same. When using operate with a quick stroke.

Care of Sprayer.—Keep the leather plunger soft and pliable with a few drops of lard oil or a little vaseline. If small tube entering cup at point of air chamber clogs, remove obstruction with small wire; always rinse cup well with clean water, and dry before putting away. With reasonable care it should last for years.



Outfit P.



**Compressed Air Sprayer.
With Kant-Klog Nozzle.**

The pump itself is made entirely of brass and copper, with rubber ball valves and metal plunger, all of which are easily accessible, and can be, therefore, readily examined and repaired. It is so arranged and stayed in the reservoir that it is capable of doing long and continuous service and will not easily get out of order.

The discharge of our new Improved is at the bottom, and the pump can, therefore, be entirely drained of the liquid. You can arrange pump in the reservoir to be operated by either the right or left hand, as desired, although we shall make them locating the pump to be operated by the right hand, unless ordered otherwise. The reservoir is made of heavy copper, and will hold about five gallons of liquid.

"Handy" Knapsack Sprayer complete, as shown in cut, with 3½ feet of ½-inch discharge hose and Vermorel Nozzle \$14.00; less Vermorel Nozzle, 8-inch Lance and Lever, \$8.50.

The "PRIZE" Knapsack Sprayer is provided with special attachment for clamping the pump (which can be easily removed), to tank, and has a handle by which tank may be carried about after removing the lever and its handle. In this way it can be used similar to a bucket pump. Horticulturists will appreciate this novel feature. The price is very low—only \$6.00. Working parts of the pump are brass, which will resist the action of acids contained in the fungicides.

A Return Stream Agitator, made by a hole through the lower valve, stirs the liquid and keeps the strainer free from sediment. No other Agitator of this kind will so thoroughly agitate the spraying solution.

Nothing could be more convenient than this apparatus for use in greenhouses and gardens. It is an excellent Potato Sprayer where any solution is used except Bordeaux Mixture and Ammoniacal Solution of Copper Carbonate. To resist the action of acids, a copper tank is preferable.

The "SUCCESS" represents a new and excellent pump for use in gardens, vineyards, greenhouses, for washing windows and buggies; also for spraying poultry houses. The working parts are all brass and bucket foot-rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air-chamber space and is double acting, throwing an absolutely continuous stream, either solid or in fine spray. The end of hose connecting with pump is coiled with brass spring wire, adding largely to its durability. The "Bordeaux" Nozzle, the best combination spraying nozzle on earth, is furnished with "Success" Pumps. Price, \$3.50.

The "BORDEAUX" Nozzle is the simplest and best Combination Spraying Nozzle on the market. It throws solid stream or fan-shaped spray, adjustable to any fineness; is readily degorged by turning the cock handle. It will also throw a long-distance, coarser spray for spraying very large trees, or it may be shut off altogether—features possessed by no other spraying nozzle. It can be used with any of our Spray Pumps for both ¼-inch pipe and ½-inch hose. Price, as per cut, 75c.

possessed by no other Spraying Nozzle. It can be used with any of our Spray Pumps for both ¼-inch pipe and ½-inch hose. Price, as per cut, 75c.

The "KANT-KLOG" Nozzle is the only Nozzle that can be successfully cleaned without stopping the spray or removing the nozzle from the work. This nozzle gives both flat and round sprays or solid stream. A slight pressure of the thumb starts the spray. Remove it, and the spray stops immediately. Price, 90c.

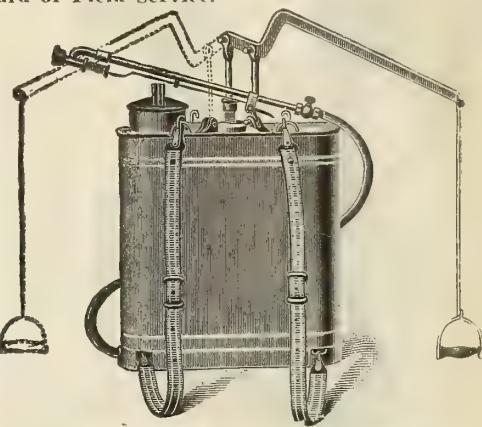
We also carry in store Vermorel and other Nozzles, and request that you order them if wanted, as no doubt we can furnish them.

S. A. HASELTINE'S MOTH CATCHER.

We can recommend this machine to gardeners, farmers and fruit growers for catching all kinds of moths and beetles that make the worms that do damage to the different crops. Try it. Price, small size, 85 cents; large size, \$1.00. F. O. B. express here.

PHILIPPS HORSE POWER SPRAYER.

Especially designed for Spraying Nursery stock, Grape Vineyards and Potato fields. This machine has a heavy hard-wood frame, and tank holding 50 gallons; has strong iron wheels, 3 feet 2 inches in diameter, 3 inches wide. Price, piped for vineyard Spraying, with thills for one horse, with four Vermorel Nozzles, \$50.00; price, piped for Spraying Potatoes, with pole for two horses, with three Vermorel Nozzles, \$60.00. Two 10-foot sections of hose and two Vermorel Nozzles for orchards. We sold several of them and they have all given the highest satisfaction. For more full explanation of machine ask for special circular of same.



Handy Spray Pump.



Success.



Scollay's Rubber Sprinkler. Indispensable for floral work and gardening. Invaluable when once tried. Very useful for dampening clothes or sprinkling in any way. Beware of imitations, as this is the best. Price, \$1.00; same style, medium, 75c; small, 50c.

Scollay Putty Bulbs, for glazing. A pressure with the hand ejects the putty along the sash bars. Price, 75c and 90c each; by mail, 85c and \$1.00. Every florist and gardener should have one of these bulbs.

Leggett's Paris Green or Dry Powder Gun. Complete, with 4 extra tubes, 5 nozzles, oil can, 2 straps, \$7.50. Circular gives full information as to the mixtures and cost of different powders, etc., with each Gun.

Insect Powder Guns. The most popular in the market, with screw cap in place of cork, which allows a larger opening for filling with powder. We have several sizes. Prices, 10c, 15c, 20c, 25c, etc. Per doz., 80c, \$1.00, \$1.25, \$2.00. These are the best. They will last a lifetime. Never fail to completely destroy Bedbugs, Roaches, Moths, Mosquitoes, Flies, Fleas on dogs, Lice on birds, animals, plants, etc.

Bellows of different sizes, with patent powder receivers which cannot choke up. Bellows, 12, 16, 24, 30 inch. Prices, 75c, \$1.00, \$1.25, \$1.50, 2.00.



Scollay
Putty Bulb.



PATENT POWDER GUNS



INSECTICIDES AND FUNGICIDES.

Antikol. The new **Hog Cholera Cure** is a germicide, particularly fatal to the Hog Cholera and yet absolutely harmless to the hog. It destroys the cause of Hog Cholera in a few hours. One and one-half ounces will treat 10 gallons of drinking water. Price, \$1.00 per 1 lb. package.

Arsenate of Lead. Used for Elm Leaf Beetle and Catterpillars. Price, 1 lb. tins, 25c.

Blue Vitriol (Sulphate of Copper). Now very extensively used in spraying grapevines, in large vineyards and orchards. Price, from 6c to 10c per lb., according to quantity.

Cattle Comfort. We have several different makes, for insects on domestic animals. Price, qt. can, 50c; gal. can, \$1.25.

Caustic Soda. Used on shade trees. 10c per lb.

Fir Tree Oil Soap. A popular Insecticide for greenhouse and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphis (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. One ounce makes one gallon, mixed with water. $\frac{1}{2}$ -lb. tins, 25c.

Gopher Killer. Quart cans, 50c.

Grape Dust. For Mould, Mildew or Rust mites. 5-lb. package, 30c.

Green Vitriol (Sulphate of Iron). Used on the farm in many ways. Price, 3c to 6c per lb., as to quantity.

Hellebore, Powdered White. For the destruction of Slugs, Worms, Catterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons of water. Price, 20c per lb.

Horium. The San Jose Scale Killer for winter use. Dilute, 25 to 50 parts water. Qt. cans, 35c; gal. cans, \$1.00.

Lice Killer. We have several different kinds in stock, both powder and liquids. 25c, 35c, 60c and \$1.00 per package.

London Purple. Very poisonous and equally as efficacious as Paris Green, and more soluble in water. Price, 25c per lb.; 10-lb. lots and over, 20c per lb. If by mail, add 15c for postage. Use in the same way as Paris Green.

Paris Green. A poisonous, insoluble powder, indispensable on the farm or garden, for preventing the ravages of Potato Bugs, Codling Moth, Worms, Catterpillars, Slugs and Bugs. Applied as a powder it should be mixed as a plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. in 200 or 300 gallons of water. Price, 1-lb. package, 20c; 100 lbs., \$18.00.

Slug Shot. Slug Shot is an impalpable powder, a combination of insecticides; poisonous to insects preying upon vegetables, and withal an excellent fertilizer, affecting nearly all classes of insect life, so that they either die or leave for parts unknown. It kills the potato bugs in all stages of their growth. It kills the black fleas on Cabbage, Turnips, Beets, Radishes and Egg Plants. Apply by dusting over the plant. It kills the cabbage worm, and also the Currant and Gooseberry Worm; the Aphis or Green Fly on Roses and other flowers. Has prevented the ravages of the Curculio and Canker Worm on fruit trees; used for Beans, Melons, Squash, Cut Worms. Keeps the striped bugs from all vine crops. For full information and testimonials from all sections of the United States, apply for Pamphlet, "Hammond's Slug Shot and Its Uses." Slug Shot is put up in 5 and 10 lb. packages, and in flour barrels, loose, that contain 235 lbs. each. It is applied by a duster or bellows. Price, for 5-lb. package, 25c; 10-lb. package, 50c; 100 lbs., 4c lb. Full directions on every package.

Sulphur, Powdered. Acknowledged to be the one of the greatest insect and germ destroyers known. Price, 10c per lb.; 10 lbs., 60c; 25 lbs. and over at 6c per lb.

Sulpho-Tobacco Soap. For freeing animals from insects and washing the bark of trees and plants for scale, lice, etc. Price, 3-oz. package, 10c, or by mail, 15c. Dissolve 2 oz. to a gallon of water and apply with brush, sponge or spray.

Tobacco Extract. For greenhouse use. Quart cans, 50c.

Thripp Juice. For Scale, Mealy Bug, etc. One gallon to 200 parts water. Gallon cans, \$1.50.

Tobacco Dust, Fine. For green and black aphis, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, 10c per lb.; 5 lbs. 30c; 10 lbs. 50c; \$2.50 per 100-lb. bag.

Tobacco Stems. For fumigating greenhouses and conservatories. Price, 50 lbs., 75c; 100 lbs., \$1.00; per ton, \$15.00.

Whale Oil Soap. Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 15c per lb.

THE CHANDLER MOLE TRAP.

A new Trap on common sense principles and sure death to the mole that enters it. A child can manipulate it with perfect safety. Price, 75c, f. o. b. express, Toledo.

This is the best Mole Trap on the market for several reasons: First—It will catch a mole from two to four inches deeper in the ground than any other trap sold. Second—You do not have to dig up from four to eight inches of your lawn to remove the mole from the ground, or weight the trap to prevent it springing out of the ground when tripped. Third—There are no sharp, needle-like spears lying around to endanger the lives of your children or stock. Fourth—When set it only extends five inches above the ground and seven inches in the ground, thus being the best trap on the market for **hotbeds**, and it will not interfere with the glass cover. Fifth—Being the only trap on the market that is absolutely self-setting. This trap is made of best steel and plated to prevent rusting.



Open as Set.



Sprung with
Mole caught.

DAIRY SUPPLIES OF ALL KINDS.

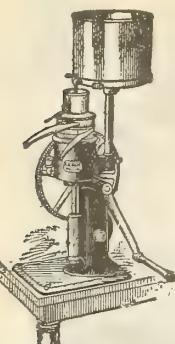
THE REID CREAM SEPARATORS.

Our customers will make no mistake in buying the Reid Separator, for it combines many new improvements that place it ahead of all other makes.

It is the lightest running, most simple and durable; also has less parts to take care of than any of the others now on the market.

We guarantee them in every way, and put them out on trial, so you run no risk in buying. Send us your order.

Daisy No. 1—Capacity 150 lbs. \$45.00 Daisy No. 3—Capacity 350 lbs. \$70.00
Daisy No. 2—Capacity 250 lbs. 54.00 Daisy No. 4—Capacity 500 lbs. 80.00



The Reid Cream Separator.



Barrel Churn.



Transplanting Dibbler, 30c.



Hotbed Cloth.

Hotbed Protecting Cloth. Specially prepared to prevent mildewing and rotting, valuable for forwarding and protecting early plants from frosts, covering hotbeds and frames in Spring, in lieu of glass, and for throwing over bedding plants at night in Fall, for Chrysanthemum houses, etc., at one-tenth the cost of glass. Pieces contain from 40 to 60 yards. Price, heavy grade, per yd., 11c; by piece, per yard, 10c; medium grade, best for general purposes, per yard, 10c; by piece, per yard, 9c.



Price, 75c to \$1.50.



Allen's New Century Pruner is operated from the ground and is guaranteed to do better, also more work with less labor, than any other pruner made. Price, \$1.00.



AGENTS
WANTED.

Allen's New Century Fruit Picker does not injure fruit and is the only practical fruit picker made. Price, 75c.

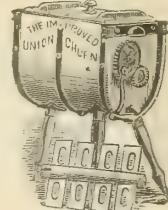
DASH CHURNS.

No. 1 Union Churn, holds 5 gallons.....	Price, \$3.30
No. 2 Union Churn, holds 7½ gallons.....	Price, \$3.75
No. 3 Union Churn, holds 10 gallons.....	Price, \$4.50
No. 4 Union Churn, holds 15 gallons.....	Price, \$6.00

BARREL CHURNS.

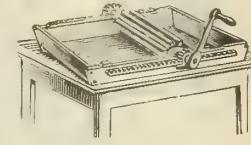
No. 0 Barrel Churn, holds 6 gallons.....	Price, \$2.75
No. 1 Barrel Churn, holds 10 gallons.....	Price, 3.00
No. 2 Barrel Churn, holds 15 gallons.....	Price, 3.25
No. 3 Barrel Churn, holds 20 gallons.....	Price, 3.50
No. 4 Barrel Churn, holds 25 gallons.....	Price, 4.00
No. 5 Barrel Churn, holds 35 gallons.....	Price, 5.50
No. 6 Barrel Churn, holds 45 gallons.....	Price, 7.75
No. 7 Barrel Churn, holds 60 gallons.....	Price, 9.00

Barrel Churns should never be filled quite half full. Power Barrel Churns priced on application.



REID HAND BUTTER WORKER.

The best, strongest and easiest operating machine made.	
No. 1, 23x36.....	Capacity 50 lbs., \$7.50
No. 2, 20x36.....	Capacity 30 lbs., 6.00
No. 3, 17x27.....	Capacity 20 lbs., 5.25
No. 4, 14x23.....	Capacity 10 lbs., \$4.50



MILK AND CREAM BOTTLES AND CAPS.

Bottles:—½ pint, \$4.75 per gross; 1 pint, \$5.50 per gross; 1 quart, \$7.50 per gross. Bottle Caps, 25c per 1,000.

BINDER TWINES AND ROPE.

QUALITY GUARANTEED.

GARDENING AND HORTICULTURAL TOOLS.

A full line, of which we will mention the following:

Forks—Digging and Spading — Hay or Stable.....	\$0.30 to \$1.50
Forks—Manure and Short Handled.....	.30 to 1.25
Grafting Wax, in ¼, ½ and 1 lb. packages.....	.10 to .30
Grass Hooks, each.....	.25 to .50
Grass Edging Knives.....	.50 to 1.00
Hoes—A full line.....	.20 to 1.00

Rollers—Garden and Field.....	\$9.00 to \$50.00
Scythes—Brush, short blade.....	.50 to 1.25
Scythes—English and American Lawn Grass and Grain, cast steel, in sizes...	.50 to 2.30
Scythe Stones—Different kinds, 75c per dozen; each.....	.05 to .10
Saws—Pruning and Grafting.....	.50 to 1.50
Transplanting Trowels10 to .50

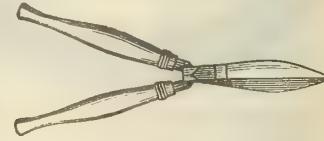
Transplanting Dibbler, 30c.

Hotbed Cloth.

Weeders—Lang's, Noyes and other makes... Price, 25c.



Price, 15 cents.



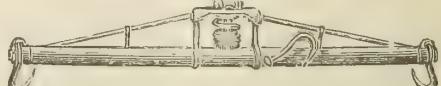
Hedge Shears,
Best English Steel,
\$1.75 each.



Pruning Shears—Solid Steel, Improved Springs and others, 50c up to \$1.25.



Greenhouse Syringe, \$1.25 to \$6.50.



The Wilson Spring Whifftree,
Price, pair, \$1.40, \$1.65 \$1.75.



Allen's New Century Pruner is operated from the ground and is guaranteed to do better, also more work with less labor, than any other pruner made. Price, \$1.00.



AGENTS
WANTED.

Allen's New Century Fruit Picker does not injure fruit and is the only practical fruit picker made. Price, 75c.

AGRICULTURAL FURNACES, CALDRONS AND KETTLES.

Agricultural Portable Furnaces and Farmers' Boilers, complete— $\frac{1}{4}$, 1, $1\frac{1}{2}$, 2 and 3 barrels. Also Caldrons for same. Iron Kettles, from 5 pails up to 5 barrels, at lowest market price.



Feed Cooker

The illustration shown faithfully represents our Steam Feed Cooker or Agricultural Boiler, and we believe it to be the best Cooker ever placed on the market. It is made in the most substantial and workmanlike manner. The material used in its construction is the **best boiler plate steel**, 60,000 pounds tensile strength, hand-riveted, tested to 100 pounds hydrostatic pressure, securing perfect safety and ample capacity to users. The fire door is ample size, and the grate is so designed that any kind of fuel may be used. The boiler is of the tubular type, the flues passing through the water, giving unusually large heating service, and as durable and efficient as any engine boiler of same dimensions.

SIZES AND PRICES.

No. 1.—Diameter of shell, 19 inches, height of shell, 40 inches; number of 2-inch flues, 9; length of boiler, 54 inches; shipping weight, 360 pounds; price, \$25.00.

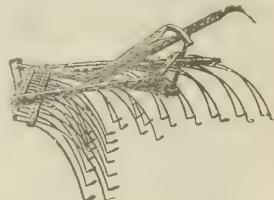
No. 2.—Diameter of shell, 19 inches; height of shell, 40 inches; number of 2-inch flues, 13; length of boiler, 58 inches; shipping weight, 430 pounds; price, \$27.50.

The following fittings and trimmings are furnished with each Cooker: One safety valve, two gauge cocks, one pump, two valves, glass water gauge, steam gauge, sufficient pipe connections, and two feet of hose. It is fitted with connections for one tank or barrel, but may be used with three or five, with additional pipe and fittings. Send us your order for one.



KEystone ADJUSTABLE WEEDEr AND CULTIVATOR.

This Weeder we introduce on its merits and can truthfully say that it is the very best Weeder made. Every farmer and gardener should have one. Price, \$8.50.



THE LITTLE GIANT HAND BROADCAST SEED SOWERS.

The Greatest Labor and Seed Saving Invention of the Age. Prices delivered at your Express Office, charges paid by us:

Little Giant Bow Seeder.—Single one, \$1.50; three in one order, \$4.00; six in one order, \$7.50.

Little Giant Crank Seeder.—Single one, \$1.75; three in one order, \$5.00; six in one order, \$9.00.

These are the **best built**, easiest running, most perfect machines on the market. They save one-third seed and two-thirds labor. Weigh but three pounds. Man or boy can sow on hilly, stumpy, stony and rough, as well as on clean and old land, perfectly even any desired quantity (one quart to three bushels per acre) of Clover, Timothy, Millet, Hungarian, Flax, Wheat, Rye, Oats, Peas, Corn, Orchard Grass, Blue Grass, Red Top or other seed. Fertilizer and Ashes, etc. Fully warranted the best out. They are the best implements of their kind and for the money on earth. No farmer who has used one would do without it for five times its cost. A liberal discount to agents and dealers; write for special circular and directions. We sold thousands of them in the last few years and every one gave the best satisfaction, as hundreds of the most flattering testimonials from all parts of the United States will testify. We guarantee either one to give entire satisfaction. We allow 50c on each single Seeder and 25c each on orders for three and six, ordered and shipped with seeds, etc., at purchaser's expense.



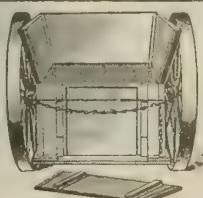
CHURCH, SCHOOL AND FARM BELLS.

The celebrated **Blymyer Bells** for Churches, Academies, Schools, Court Houses, Fire Alarm, Factory and Farm. Unrivaled for sweetness, purity of tone and durability. Kindly let us know what kind, size and tone Bell is wanted, and we will send descriptive circulars and prices. They are guaranteed for two years, and if broken at any time will replace a new Bell for one-half the price.

Crystal Metal Farm Bells, Nos. 1 to 5, from \$1.25 to \$3.00 each.



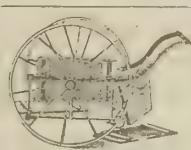
For the business man in every line this cart is indispensable. The platform hangs low; rides level.



This can be used continuously around the farm, garden or house 20' x 25' long, 25' wide, 15 in. deep inside. Capacity $\frac{1}{2}$ cubic feet.



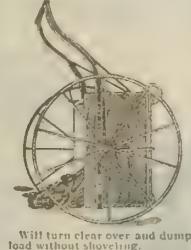
Will hold four milk cans and is in great demand in the creamery and dairy.



The side and end boards can be quickly detached. Easily loaded in a wheelbarrow.



Tips forward and picks up a barrel or heavy article same as a warehouse truck. No heavy lifting.



Will turn clear over and dump load without shoveling.

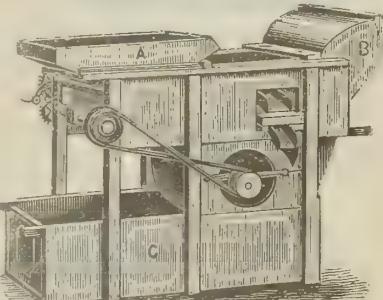
BUTLER STEEL HAND CART.

No. 1, without sides, \$6.50; No. 2, with side-boards, \$7.50; No. 3, with extension sides, \$10.00.

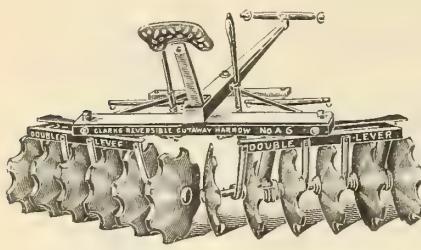
THE IMPROVED CLIPPER GRAIN AND SEED CLEANER.

The Most Perfect, Strongest and Cheapest Mill on Earth. This Mill Will Do What No Other Mill Ever Has or Will Do.

This Clipper Mill, No. 1, is for general use, and furnished with 10 sieves, suited for all kinds of grain and seed, nine of which are zinc—the best material for sieves, as it will not rust. This Mill cleans Wheat, Oats, Rye, Barley, Corn, Rice, Beans, Buckwheat, Coffee, Spice, Flax, Clover, Timothy, Millet, Hungarian and all other grasses and garden seeds with once through, and leaves no tailings to be re-cleaned. They separate Peppergrass, Plantain, Buckhorn and other foul and noxious seed from Clover and Red Top; Plantain and Peppergrass out of Timothy Seed. The only Mill which separates Red Clover, Timothy, Dock and noxious seed from Alsike Clover. It separates Cockle and Mustard from Wheat and Oats. You can grade all your grains perfectly for seed.



Another important and strong point of the Clipper Mills over others is that they are more compact and stronger built. They have a large box which the grain and seed drops into, and the price is as low as any ordinary mill. Price, No. 1, \$18.00; No. 2, \$30.00.



IMPROVED CUTAWAY AND OTHER HARROWS.

The famous Clark's Cutaway Harrow supersedes the plow and makes a perfect seed bed. Clark's Improved Cutaway Harrow is "The Boss." It beats anything in the way of a Spading and Pulverizing Harrow ever introduced. With it you can prepare your land for Oats seeding without plowing. They have no equal. We have tested them with other so-called Spading Harrows and found they were no competitors to the CUTAWAY. Hard clay or stubble made into a perfect seed bed. Has also seeding attachment for sowing all kinds of grain and grass seed. We have all sizes of them for one, two and three horses. Also Cultivators for use in corn, orchards and vegetable gardens for fruit growers especially. No tiller of soil can do without it. We have sold them for the last twenty years and have the most flattering testimonials, and can refer to hundreds who use them. We have the exclusive agency for them in this section, and sell them at manufacturer's prices. Call and see or send for full descriptive circular and prices. Price, \$22.00 for 2-Horse Harrow.

Clark's Cutaway Sulky Disc Plows. Catalogue and prices upon application.

Diamond Steel Tooth Harrows. These Harrows with patent Steel Teeth, each tooth riveted, which prevents splitting. We have 48-tooth, cutting 8 feet; 60-tooth, cutting 10 feet; 72-tooth, cutting 21½ feet. These are all Hinge Harrows—hinge made of wrought iron. We have a Section Harrow, with long eveners, sold by the section, 20 teeth in each section. Two sections, 40 teeth, cuts 8 feet; three sections, 60 teeth, cuts 13 feet; steel teeth riveted. These are for small gardeners. Price, from \$3.00 to \$12.00.

The Tiger Protection Steel Frame, Spring Tooth, Floating Harrow; The Tiger Protection Wood Frame, Spring Tooth, Floating Harrow—of different sizes and prices.

Evans' Adjustable Steel Frame Lever Harrows. 50, 60 and 70 Solid Steel Teeth. It is acknowledged to be the most perfect Harrow on the market. Price, \$9.50, \$10.50 and \$11.50 each.

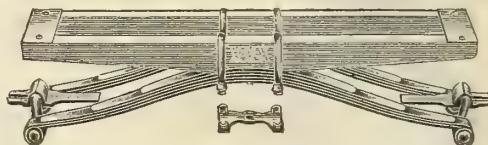
FARM WAGON BOLSTER SPRING.

Width and
No. of Leaves.

Capacity.

Price.

1½ x 3	1,000 lbs.	\$3 75
1½ x 4	1,500 lbs.	4 00
1¾ x 4	2,000 lbs.	4 75
1¾ x 5	2,500 lbs.	5 25
2 x 5	3,000 lbs.	5 75
2 x 6	4,000 lbs.	6 25
2 x 7	5,000 lbs.	6 75
2½ x 6	6,000 lbs.	8 25



The above cut shows the best Farm Wagon Bolster Spring now made, and you run no risk in sending us your order.

IMPROVED HAND CORN PLANTER.

Smith's Celebrated Ohio Corn Planter. This Planter has stood the test for 40 years, and never failed to receive the highest commendation in a single instance. Price, \$2.00. Special price in dozen lots.

The Eureka, Triumph, and other Hand Corn Planters, 75c to \$1.00 each; less price for dozen lots.

ACME HAND POTATO PLANTER.

This is the pioneer implement of its kind. **Simple, Practical, Durable.** It is the lightest (weighs but 2½ pounds), strongest and most durable Hand Potato Planter yet made. Puts in the seed cheaper, easier and better than any other method. Works perfectly in clay, gravel or sandy soil, sod or new ground. Any farmer with less than thirty acres of potatoes to plant can put his seed in **cheaper with the Acme Planter** than by any other way. It is considered a good day's work for a man to plant three-fourths of an acre of potatoes in a day. With an **Acme Planter** a man can plant **two acres** in a day of ten hours.

It makes the holes, drops and covers at one operation. Once over the field does the work. Special price, \$1.00.

TOOLS FOR TOWNSHIP OR CONTRACT WORK.

Columbus Solid Steel Square and Pressed Bowl, Wheel and Drag Scrapers.

No. 1—Winner Pressed Bowl Steel Scraper, \$4.50.
No. 2—Winner Pressed Bowl Steel Scraper, \$4.25.

No. 3—Winner Pressed Bowl Steel Scraper, \$4.00.

Add extra 25 cents for Runners.

Columbus Wheel Scraper, Square Bowl, No. 1, \$25; No. 2, \$35; No. 3, \$39. Pressed Bowl, No. 1, \$26; No. 2, \$36; No. 3, \$40.

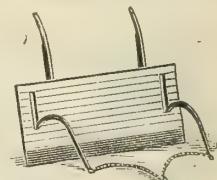


Solid Steel Scraper.

Columbus Wheel Scraper.

Doan's Patent Board Scraper—One size \$4.50
Be sure to buy no other make, even for less money, as the genuine Doan is the only ditching scraper worth buying.

We carry in stock heavy grade and contractors' Plows, suitable for two to ten horses. Also, agency for steam or horse Rollers, Road Machines, etc. Can furnish Mattocks, Picks, Shovels, etc. So please let us know your wants in that line, when we will name you right prices for best goods money will buy.



Doan Scraper.

RIDING AND WALKING PLOWS.

For Farm Use, Contract or Grading.

We carry in stock a full line of both plows and repairs. Kindly state your wants and will be pleased to let you know what we have to offer, also quote prices.

The Toledo Burch, also South Bend steel and chilled one and two-horse plows.

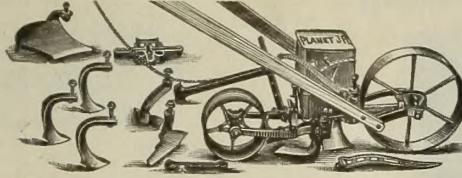
Guaranteed to please or money refunded.

PRICES:

One-horse, chilled.....	\$ 3.75
One-horse, steel.....	8.75
Two-horse, chilled.....	10.00
Two-horse, steel.....	14.00

“Planet Jr.” Farm and Garden Tools.

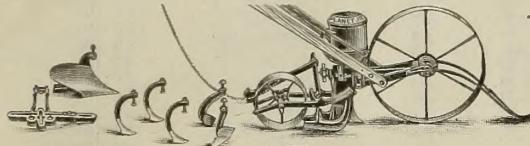
Space will not permit our showing and describing all of the “Planet Jr.” tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. “Planet Jr.” goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.



Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe Cultivator and Plow. Price.....\$10.00
Price as a drill only.....\$ 8.00

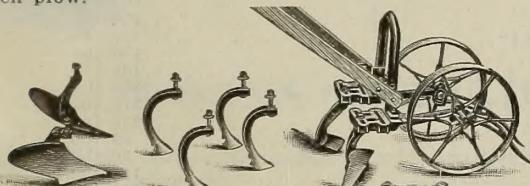
This is the most popular combined tool made. It combines in a single implement, a first-class hill-dropping seeder, a Single Wheel Hoe or weeder, a cultivator and a plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops.



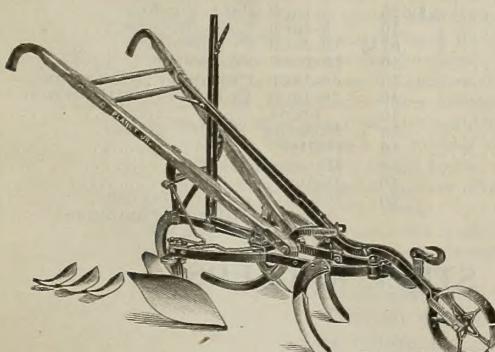
Planet Jr. No. 6 Combined Hill and Drill Seeder, and Single Wheel Hoe, Complete \$13.00. Drill only.....\$10.50
As a Wheel Hoe.....\$ 5.75

This is the newest combined machine. It has 16½-inch steel wheel and very accurate feeding device. Drops at the same distances apart as the No. 4 Drill. It is made with the greatest care, and simplicity of parts has been carefully kept in mind. It has an improved leaf lifter, and the equipment as a Wheel Hoe consists of two 6-inch hoes, three improved steel cultivator teeth and a large garden plow.



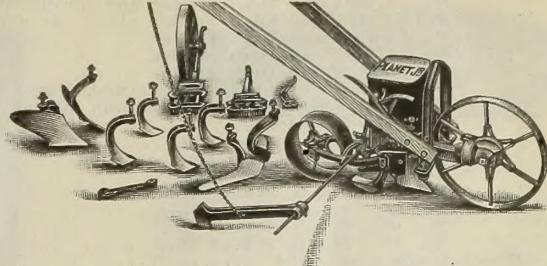
Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. Price.....\$6.50

The No. 12 has a pair of 6-inch hoes, a pair of plows for opening or covering, and a set of 4 all steel cultivator teeth. The tools shown are what gardeners use most and others can be added as wanted.



Planet Jr. No. 8 Horse Hoe and Cultivator. Price....\$8.50

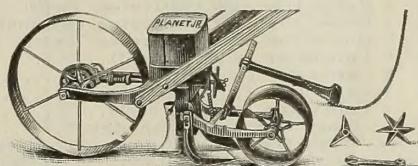
It opens and closes furrows, hoes right up to the plants without danger of injuring them, throws dirt to or from the row and throws back from center again. You can set the hoes at any angle or reverse altogether, cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.



Planet Jr. No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. Price.....\$13.00

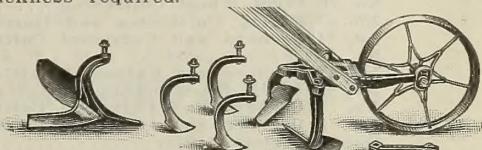
As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the whole combination is one we can heartily recommend and guarantee satisfactory.



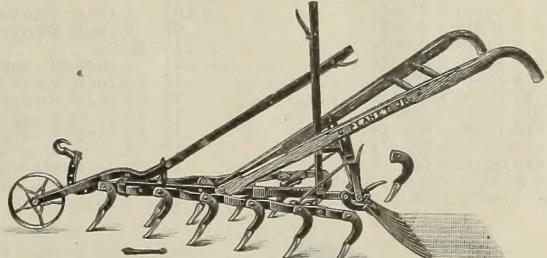
Planet Jr. No. 3 Hill and Drill Seeder. Price.....\$10.00

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seeds in the exact thickness required.



Planet Jr. No. 17 Single Wheel Cultivator and Plow. Price.....\$4.50

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Other attachments can be added at any time.



Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer. Complete \$8.50; less pulverizer \$6.00, and less wheel \$5.70.

Gardeners cultivate better than formerly. It has been found to pay best. The farmer or gardener is most likely to cultivate best who has the tool best adapted to his purposes. With the Twelve-Tooth Harrow here shown, you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

"PLANET JR." 1906 PRICE LIST.

Call and see or send for "Planet Jr." Special Catalogue, fully describing and illustrating a large variety of hand and horse power implements, superior to any other makes in the world.		
	Packed Weight.	Price.
"Planet Jr." No. 4 Hill and Drill Seeder and Single Wheel Hoe, less rakes.	47 lbs.	\$10.00
" " No. 4 Hill and Drill Seeder and Single Wheel Hoe, with rakes.	51 lbs.	11.00
" " No. 4 Hill and Drill Seeder plain (as a drill only)	38 lbs.	8.00
" No. 25 Hill and Drill Seeder	59 lbs.	13.00
" No. 3 Hill and Drill Seeder	44 lbs.	10.00
" No. 5 Hill and Drill Seeder	48 lbs.	12.50
" No. 1 Combined Drill Seeder and Wheel Hoe, less rakes	45 lbs.	9.00
" No. 1 Combined Drill Seeder and Wheel Hoe, with rakes	47 lbs.	10.00
" No. 2 Drill Seeder	38 lbs.	7.00
" No. 11 Double Wheel Hoe	37 lbs.	8.50
" No. 12 Double Wheel Hoe	32 lbs.	6.50
" No. 13 Double Wheel Hoe	25 lbs.	4.25
" No. 16 Single Wheel Hoe	26 lbs.	5.50
" No. 17 Single Wheel Hoe	24 lbs.	4.75
" No. 17½ Single Wheel Hoe	21 lbs.	4.25
" No. 18 Single Wheel Hoe	20 lbs.	3.50
"New Model" Hand Seed Drill		7.00
"Iron Age" No. 4 Hand Seed Drill		9.00
" " No. 6 Combined Drill and Wheel Hoe		10.00
"Iron King" Onion Seed Drill		7.00
"Fire-Fly" Double Wheel Hoe		4.00
"Planet Jr." Plow		2.35
" " Grass Edger		5.50
" " No. 8 Horse Hoe and Cultivator		15.00
" " Nine-Tooth Horse Hoe		8.50
" " No. 7 Horse Hoe and Cultivator		7.00
" " No. 9 Horse Hoe and Cultivator (with wheel)		8.00
" " No. 9 Horse Hoe and Cultivator (without wheel)		7.25
" " No. 4 Horse Hoe and Cultivator (with wheel)		6.50
" " No. 4 Horse Hoe and Cultivator (without wheel)		6.00
" " No. 5 Horse Hoe and Cultivator (with wheel)		5.35
" " No. 9 Cultivator (with wheel)		7.00
" " No. 9 Cultivator (without wheel)		6.00
" " No. 4 Cultivator (without wheel)		5.00
" " No. 4 Cultivator (with wheel)		4.50
" " Twelve-Tooth Harrow (complete)		8.50
" " Twelve-Tooth Harrow (without pulverizer)		7.00
" " Twelve-Tooth Harrow (without pulverizer or wheel)		6.00
" " Twelve-Tooth Harrow (with No. 9 wheel)		6.40
" " Twelve-Tooth Harrow (without lever, expander or wheel)		5.00
" " Strawberry Runner Cutter Attachment		1.75
" " Sweep Attachment for Harrow		1.50
" " Combined Pulverizer and Leveler		1.50
" " No. 53 Two Row Sugar Beet Hoe and Cultivator		25.00
" " No. 53 Two Row Sugar Beet Hoe and Cultivator		24.00
" " No. 3 Four-Row Sugar Beet Horse Hoe (Complete)		90.00
" " No. 72 Two-Row Pivot-Wheel Cultivator		52.50
" " No. 74 Pivot Wheel Cultivator (complete)		40.00
" " No. 70 Pivot-Wheel Cultivator		40.00
" " No. 45 Riding Cultivator and Harrow		30.00
" " No. 41 Orchard and Universal Cultivator (cuts 4 ft.)		35.00
" " No. 41 (with extensions, cuts 6 ft. 6 in.)		45.00
" " No. 42 Orchard and Universal Cultivator (cuts 5 ft. 3 in.)		39.00
" " No. 42 (with extensions, cuts 7 ft. 9 in.)		49.00
" " No. 1 Orchard and Universal Cultivator (cuts 5 ft. 3 in.)		35.00
" " No. 3 Orchard and Universal Cultivator (cuts 4 ft.)		45.00
" " Double Celery Hiller		14.50
" " Single Celery Hiller		11.50
" " White Potato Digger		15.50
" " Sweet Potato Digger		17.50

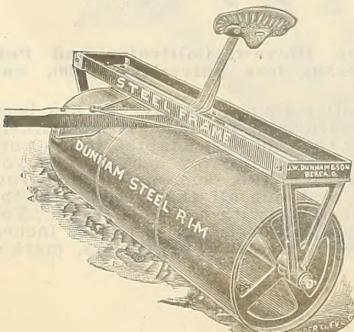
PRICES OF REPAIRS AND EXTRAS.

1 1/4 x 8 inches Steels.	\$0.08	7-inch Shovel Steel.	\$0.25	5-inch Beet Sweeps.	\$0.25
1 3/4 x 8 inches Steels.	.09	8-inch Shovel Steel.	.30	8-inch Beet Sweeps.	.30
2 1/4 x 8 inches Steels.	.10	Bolts	.01 1/2	10-inch Furrower.	.75
3 x 8 inches Steels.	.11	8-inch Sweep and Bolt.	.30	15-inch Furrower.	1.10
4 x 8 inches Steels.	.12	10-inch Sweep and Bolt.	.35	20-inch Furrower with wings.	1.75
1 1/4 x 10 inches Steels.	.12	12-inch Sweep and Bolt.	.40	20-inch Furrower with renewable	
1 3/4 x 10 inches Steels.	.13	15-inch Sweep and Bolt.	.45	point.	2.00
2 1/4 x 10 inches Steels.	.15	18-inch Sweep and Bolt.	.55	Ridging Steels, each.	1.10
3 x 10 inches Steels.	.17	6-inch Hoe and Bolt.	.40	Roller.	1.75
4 x 10 inches Steels.	.20	10-inch Hoe and Bolt.	.50	Reversed Rake.	.80
6-inch Side Steels, each.	.50	Beet Hoes, each.	.40	Pulverizer.	2.00
7-inch Side Steels, each.	.60	3-inch Beet Sweeps.	.20	Pulverizer for Harrow.	1.75
				Special Hilling Attachment.	3.50

ALL STEEL ROLLERS.

No. 2-3 Section, 24-inch, seven-foot Roller.	\$21.50
No. 3-3 Section, 24-inch, eight-foot Roller.	22.50
No. 6-3 Section, 24-inch, nine-foot Roller.	24.00
No. 10-2 Section Hand Lawn Roller.	9.00

All these Rollers have heavy steel axles. The journals are lathe turned. The boxes are babbitted and contain a large compartment filled with cotton waste, and when this waste is once saturated with oil, the journal oils itself for the season. The Rims are made from single sheets of **Hardened Steel**—making the best Roller on the market.



FLORISTS' SUNDRIES.

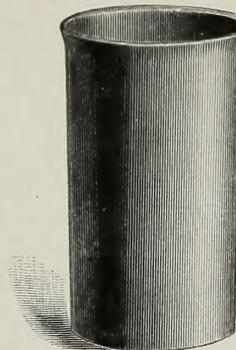
Raffia, Mastica and Old English Glazing Putty. Mastica Machines and Putty Bulbs, Florists' Tinfoil, Wax Paper, Silkoline, Immortelles and Chenille, Wheat Sheaves, Baskets, Boston Florists' Letters and Script. White Doves, Galax Leaves, Stemming Wire, Wire Designs, Pot Labels, Toothpicks, Flower Pots and Saucers, Watering Pots, Sphagnum Moss, Tobacco Dust and Stems, Thermometers, Pruning Shears, Knives, Etc.

Flower Pot Saucers



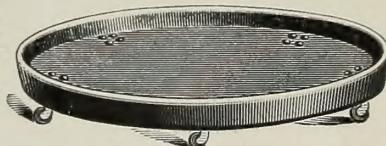
Each.	100 in crate
4 inch.....	8c. \$7.50 per 100
5 ".....	8c. 7.75 per 100
6 ".....	9c. 8.00 per 100
7 ".....	10c. 8.80 per 100
8 ".....	11c. 9.40 per 100
	50 in crate.
9 ".....	12c. \$10.40 per 100
10 ".....	13c. 11.00 per 100
	25 in crate.
12 ".....	15c. \$13.00 per 100
14 ".....	20c. 17.00 per 100
	50 in crate.
11 " shallow.....	\$12.00 per 100
	25 in crate.
12 " shallow.....	\$12.50 per 100
13 " shallow.....	13.50 per 100
14 " shallow.....	17.00 per 100
	12 in crate.
16 " shallow.....	\$20.00 per 100

Florists' Vases, For Displaying Cut Flowers.



Diam.. inches inside.	Depth inches inside.	Order by No.	Plain per doz.
8	13	0	\$4.80
5½	10	1	4.20
4½	9	2	3.60
4	6	3	3.00
3	4½	4	2.40
9	22	00	9.00
5½	18	11	5.40
4½	15	22	4.80
4	12	33	4.20
3	9	44	3.60

A "Wheeling" Dish.



The Fibre-Ware Saucer

shown by the accompanying illustration permits of the moving of heavy potted plants, palms, etc., without labor or difficulty. It is entirely free from joints, and consequently perfectly watertight; it is not affected by moisture; cannot rust; is light, strong and durable. Its ball-bearing castors with hardwood rollers, run easily and raise the saucer sufficiently high to permit of a free circulation of air beneath. Its use will speedily pay for its trifling first cost in the saving of carpets or easily marred hard wood floors.

Oustide diam. about	Will take pot	Each.
12 inches.	10 inches.	3 Castors. \$.60
14 "	12 "	3 " .75
16 "	14 "	4 " .90
18 "	16 "	4 " 1.00
20 "	18 "	4 " 1.25
22 "	20 "	5 " 1.50

FLOWER AND TREE TUBS.



No.	Diam.	Height.	Bottom.	Weight	Price.
1	13½ in.	11½ in.	11½ in.	10 lbs.	\$.75
2	14 "	13½ "	12 "	12½ "	1.00
3	16 "	15½ "	14 "	23 "	1.25
4	20 "	18 "	18 "	29 "	1.80
5	24 "	20 "	22 "	37 "	2.40
6	28 "	22 "	25 "	41 "	4.00

BOOKS ON HORTICULTURAL AND KINDRED SUBJECTS.

American Standard of Perfection—(Adopted by the American Poultry Association.) Complete description of all recognized breeds, judges' instructions, etc.	\$1.50
Asparagus, Its Culture for Home Use and for Market—A practical treatise.	.50
Bulb Culture, Henderson's—Special cultural directions for 200 varieties.	.25
Carnation Culture, American—Complete history and culture of the divine flower.	1.50
Chrysanthemum Culture for Amateurs.	.40
Celery for Profit—Tells how to make celery pay big profits.	.20
Dahlia, The—Copiously and elegantly illustrated, by an expert.	.30
Diseases of Poultry—The entire subject of health and disease.	.56
Farm Accounts, How to Keep Them—A practical book for the practical farmer.	2.00
Fertilizers, Gregory on—Tells how to compound formulas.	.40
Floriculture, Practical—A guide to the successful culture of plants.	1.50
Flowers and How to Grow Them—Good instructions for the amateur.	.50
Flower Garden, How to Make a—Most practical and beautiful book on the subject.	1.80
Forcing Book, The—All available information on forcing vegetables.	1.00
Fruit Grower, The Practical—Describes the various fruits, when and how to plant.	.50
Gardening for Profit—A guide to the successful culture of the market and family garden.	1.50
Garden, Play and Profit in My—A most useful book.	1.00
Grape Culture, A Practical Treatise on—Valuable hints on the culture of the grape.	.25
Mushroom Culture, its Extension and Improvement—Contains all different ways of cultivation.	.50
Potatoes for Profit—By an expert.	.20
Profits in Poultry and their Profitable Management—Profusely illustrated.	1.00
Propagation, The Art of—A concise and practical treatise.	.30
Questions and Answers in Poultry Raising, 500—	.25
Roses, Book of the—A reliable written guide to rose culture.	1.25
Roses and How to Grow Them.	1.10
Strawberry Culturist—A complete direction for the growing of strawberries.	.25
Sweet Peas, All About—A beautifully illustrated book.	.20
Vegetables, How to Grow Them.	.40
Window Flower Garden, The—Personal experience of a practical florist.	.50

Prices on Books include Postage.

OHIO BEARDLESS BARLEY.

This wonderful Beardless Spring Barley has now been grown by us for several years past with the best results, so we can safely guarantee it in every way as being the very best barley for farmers to raise.

Cattle will leave green clover to feed on the straw.

It is beardless, and the hull remains tight, which fact alone places it at the head of all barley.

Is six-rowed, of unusual length of head, well packed with solid plump grains clear to the tips.

Is the earliest to ripen, hence valuable to plant either in the extreme north or extreme south, and will do equally as well in the middle States.

Frost will not hurt it, and it can be planted early in March and ripens in June, therefore suited in every way to be easily handled by the farmer.

The straw is somewhat larger and taller than common barley, but much stiffer, and will stand up on any soil. Will produce from eighty to one hundred bushels to the acre, and combines all the rich and nutritious qualities of the bearded sorts, and being beardless, is easily handled and can be fed to stock the same as oats.

By reason of the above facts this barley is worth more money to the farmer, especially so when you consider that barley weighs forty-eight pounds to the bushel as against oats thirty-two pounds, besides producing more bushels to the acre and selling for twice the money per bushel.

Try it and you will be pleased with your bargain.

Price, \$1.25 per bushel; 10 bushels or more, \$1.00 per bu.

Bags extra, 18 cts. each.



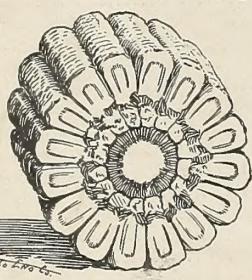
OHIO BEARDLESS BARLEY.

OHIO EARLY GOLD MINE CORN.

Is the best yellow corn that grows. It is early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical, color a bright golden yellow, as handsome as a twenty dollar gold coin just from the mint; grain is very deep, cob small and therefore it dries out very quickly as soon as ripe. SEVENTY POUNDS OF EAR CORN MAKE SIXTY TO SIXTY-TWO POUNDS OF SHELLLED CORN, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagon.

This year our stock of this variety Corn is thoroughly dry and mature, so our friends and customers can depend upon getting first quality Seed Corn, OHIO GROWN, that will please all who favor us with their orders.

Price, \$1.50 per bushel.



OHIO EARLY GOLD MINE CORN



New Golden Self-Blanching Celery.

Contract grown for us in France.

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

115-117 ST. CLAIR STREET,
TOLEDO, OHIO.

THE B F WADE PRINTING CO., TOLEDO, O.